

**INTERNATIONAL
FANCY
GUPPY
ASSOCIATION**



**OFFICIAL
PUBLICATION**

INTERNATIONAL FANCY GUPPY ASSOCIATION

PURPOSE....To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
To keep current and update the present standards
For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the fancy guppy

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To buy, sell or trade fish or related supplies:

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PUBLICATIONS:

Judging Rules & Standards Booklet: \$2.50 (Postage included)
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OFFICIAL BULLETIN

OF THE

INTERNATIONAL FANCY GUPPY ASSOCIATION

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MESSAGE FROM THE PRESIDENT

by Tom Allen

Some months back, I was approached by the president of a general aquarium society in the Chicago area to act as a judge at their annual show. The show was very well planned and the display was beautiful but, much to my dismay, there wasn't a guppy to be found in the 50+ tanks in the exhibit. While judging, I couldn't help but wonder whether there were any "closet" guppy freaks among the hundreds and hundreds of people who would view the exhibit during the show. It is altogether possible that, in a metropolitan area as large as Chicago, this scene of guppy-less aquarium society shows is replayed time and again in the course of a year. Shows of this nature give us an opportunity too good to pass up --- the ability to schedule a guppy exhibit in tandem with the aquarium society shows being held in and around our area. All it takes is a rack, a few bowls, some clever negotiating, and a desire to promote the guppy and give our hobby some of the publicity it so rightly deserves. It's a difficult task to get our message out to interested hobbyists and it's important that we take full advantage of situations such as these. Regardless it takes action to get a program such as this from an idea to the stage where it pays dividends with new members for our organization. It won't be easy and it won't happen overnight. It can't be done by one person or by one group of people. Everyone must chip in and help. Here's a chance to get some enthusiasm into your membership by making 1984 the "Year of the Guppy".

The cost of brine shrimp eggs got yet another boost recently virtually doubling the price at which they sold about 2 years ago. To combat this increase, you can:

1. Stop feeding live brine completely and look for a substitute such as microworms, etc.
2. Cut back on the amount of eggs hatched and look to other live foods to supplement this loss of live brine.
3. Cut back on the amount of eggs hatched and selectively feed this live brine only to those fish in the "growing state" (up to 6 months).
4. Denude all unhatched eggs using bleach in order to get 100% of the food value from each can of eggs.
5. Cull heavier to reduce the amount of live brine needed.

Daily feeding of live baby brine from birth will add anywhere from 15-25% more body size to your fish than a diet without it. The choice is yours.

The following points are primarily of interest to club officers and 1984 show committees:

1. Dues and trophy sponsorship fees should be sent to Ted Lobello by March 1st.
2. 1984 Rosters should be mailed to Vi Golimowski, also by March 1st. Be sure to include the phone number of at least one member who can be contacted if an emergency occurs.
3. Show rules in triplicate should be sent to Pat Allen at least 90 days prior to your show date.
4. Awards/trophies must now include - host club name, class, place (1st, etc.) and date of show.
5. Make the necessary arrangements to accept Air Freight shipments at your show.
6. Within two weeks of your show, send a copy of the results to Bill Orth and a copy of the judges and observers to me.

THANK YOU

from John Walcott

I wish to thank you all very much for the nice Get Well card. It was heart warming to see all the signatures of my many wonderful old Guppy friends.

I am now in a Cardio-Pulmonary rehabilitation program at the Plano hospital, and on completion, after 13 weeks I will take a second stress test that should indicate I am back to normal.

It must have been another real "hum dinger" of our Annual Fancy Guppy Show. Hopefully, one of these days I'll be able to thank you all in person. Again, from my mending heart, thanks very much.

SPECIAL NOTICE

from Doris Lastella
East Coast Guppy Association

The East Coast Guppy Association would like to apologize to everyone who is due to receive a rosette from our show. An error was made with the order and the ribbons had to be redone. As soon as we receive them, we will ship them out. Thanks for your patience.

COMMENTS

by Art Parker
21 Sawtelle Rd.
Oakland, Maine 04953
Corresponding Member

I read two articles in the December issue of the bulletin with particular interest to me. They were Bill Orth's "Death of a FishRoom" and Robert Van Den Langenberg's "Controlled Heating in Fish Tanks". Bill Orth's article really strikes home as I believe this happened to me this past summer. I found fish died at a rate of twenty to thirty a day. In six days I lost 95% of my fish. During the last three weeks I have found that a few of the remaining females have started to show red streaks that start at the vent and go up the side to the dorsal, as soon as I notice this condition I destroy the fish. It has been my experience that this is just as highly contagious as the Ichthyoponus that Bill so aptly described. I think I will probably destroy the rest of my stock and start over as Bill did. Bill was so right to say that this is not to be taken lightly.

Robert Van Den Langenberg's suggestions of using heater tapes with a six hundred watt dimmer switch may be alright for some people, but I would use caution when using this type of system. If you want to find out why - put a match to a styro foam drinking cup and watch what happens. This alone would give you an idea as to what could happen if the dimmer switch malfunctioned. If you use this system, please be exceptionally cautious when doing this, as I would hate to find out that someone installed this system, it malfunctioned and they lost their home or possibly a loved one.

I would also like to know if the J. M. Fitzsimmons mentioned in the December issue is the same Mr. Fitzsimmons I used to correspond with years ago when George McCroskey had the Fancy Guppy Correspondence Club. If so, please contact me at the above address.

SPECIAL AWARDS NOTICE

from Guppy Associates
International Chicago

Each year GAIC gives two awards, Guppy Man of the Year and the Hall of Fame Award.

The Guppy Man of the Year is given to the person who has taken the most first place awards and Best of Show points for the year. The Hall of Fame Award is awarded to the person or persons, who have given outstanding service to the IFGA, someone who promotes the goals of the IFGA. Most people have performed great deeds for their own club, each club has such a person, but this does not benefit the IFGA in an international way.

GAIC is looking for a person or persons who have in the past or present given outstanding service to the IFGA. Some of the names already on the plaque are "Pop" Morgan, Stan and Ethel Shubel, Mike Regent, Tom and Pat Allen, and Don and Millie Craft. If you want to go back farther there is Midge Hill, Dr. Larr and Emory Mann. The things these people did touched all the clubs in one way or another in the IFGA. This is the type of person the GAIC is looking for.

If you remember someone who helped or is helping promote the goals of the IFGA won't you please write a letter giving all the details of what this person has done and send it to the GAIC. Remember this must be a written report that can be verified. The GAIC will take all names and letters in consideration for the next Hall of Fame Award. Send your letters to GAIC in care of:

Ted Lobello Gene Golimowski
50 Derby Lane 720 East Jackson Street
Orland Park, IL 60462 Morris, IL 60450

CORRECTION TO IFGA POINT STANDINGS (Dec. issue)

from Bill Orth

GREEN CLASS	PTS
1 M & D Lastella	252
2 Paul Gorski	210
3 Rev. Lloyd Groenke	196
4 T & P Allen	70

CLUB

Maumee Valley Guppy Association
Pan Pacific Guppy Association
Guppy Associates International Chicago
Canadian Guppy Club
Big Apple Guppy Club
South Jersey Guppy Group
Guppy Associates of Milwaukee
Buckeye Fancy Guppy Club
East Coast Guppy Association
Gateway Guppy Association

SHOW SCHEDULE 1984

SHOW DATE

CLASSES DUE

April 7-8
April 21-22
May 5-6
May 19-20
June 2-3
June 23-24
July 21-22
August 4-5
August 25-26
November 2-3-4

February 5
February 19
March 2
March 23
April 21
May 4
May 25
August 2

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association
Meetings: South Jersey Guppy Group and Gateway Guppy Association

MAUMEE VALLEY GUPPY ASSOCIATION
IFGA SANCTIONED 7 POINT SHOW
April 7-8, 1984

LOCATION: Holiday Inn (SouthWest) - Reynolds Road, Toledo, Ohio

SCHEDULE: Saturday, April 7

9am-4pm Benching
11am-4pm Seminar
6pm Judging
Hospitality Room open
after judging
Awards approx. 1 1/2 hrs.
after Hospitality Room opens.

Sunday, April 8

10am-1pm Open to Public
1pm Auction
1pm Debenching
Raffle starting at 11am

GENERAL RULES:

1. All entries must be registered by 4:00 pm Saturday.
2. Exhibitors to determine the class in which their entries will compete.
3. Assistance in classification will be available at the time of registration.
4. Every precaution will be taken against loss or hazard of any kind, however, MVGA cannot assume responsibility for losses which might occur.
5. Lighting will be overhead fluorescent.
6. Backgrounds will be of black material.
7. Tanks will be furnished. No gravel, plants or decorative materials will be allowed.
8. No fish will be removed from the show area until 1:00 pm on Sunday, and then only by persons authorized by the show chairperson. Those having a long distance to travel will debench first.
9. All entries must be born and raised in the exhibitors tanks.
10. All entry fees must be prepaid.
11. Judging will begin at 6:00 pm Saturday, April 7th. Entries will be judged in accordance with IFGA standards.
12. Observers to the judging must be registered prior to 6:00 pm Saturday and the number of observers will be limited.
13. An auction, open to the public, will be held on Sunday, April 8th. MVGA will retain 30% of the sale price of all fish sold. Exhibitors should indicate fish for auction at the time of registration. It is suggested that a related female should be a part of any single entry to be auctioned.

ENTRIES:

Single entries - To consist of 1 male or 1 female shown in 1 gal. tanks. One female may be added but will not be judged.

Tank entries - To consist of 2 matched males shown in 1 gal. tanks. One female may be added but will not be judged.

Breeder males - To consist of 5 matched males shown in 1 gal. tanks. Two females may be added but will not be judged.

Breeder females - To consist of 3 matched females shown in 1 gal. tanks.

Novice classes - Open to anyone who has not won a first place in IFGA Competition.

M.V.G.A. RULES.....

ENTRY FEES: Singles - \$1.50
Tanks - \$2.50
Breeders - \$3.50
Novice - Same as open class

CLASSES:

DELTA	VEIL	COMBINED	TANKS	MISC.
Red	Red	Albino	Red	Single Sword
Blue	Blue	Gold	Blue	Double Sword
Green	Green	Bronze	Green	
Multi	Multi	H/B Yellow	Multi	<u>BREEDERS</u>
H/B Red	H/B Red	Yellow	H/B Red	5 Matched Males
H/B Blue	H/B Blue	Novice	H/B Blue	3 Matched Females
H/B Pastel	H/B Pastel		H/B Pastel	
H/B AOC	H/B AOC		H/B AOC	
Purple	Purple		Purple	
Bl/Gr Bi	Bl/Gr Bi	<u>FEMALES</u>	Bl/Gr Bi	
Red Bi	Red Bi	Red	Red Bi	
AOC Bi	AOC Bi	Bl/Gr	AOC Bi	
Snake Solid	Snake Solid	Black	Snake Solid	
Snake Var.	Snake Var.	AOC	Snake Var.	
Black		H/B Red	Black	
AOC		H/B AOC	H/B Yellow	
		Gold	AOC	
		Novice	Albino	
			Bronze	
			Yellow	
			Gold	
			Single Sword	
			Double Sword	

AWARDS:

Single and Tanks: 1st place - Plaques; 2nd, 3rd and 4th places - Award Cards.
Best of Show and Breeders: 1st place - Plaques, 2nd, 3rd and 4th places - Rosettas and Award Cards.

SHIPPED IN ENTRIES:

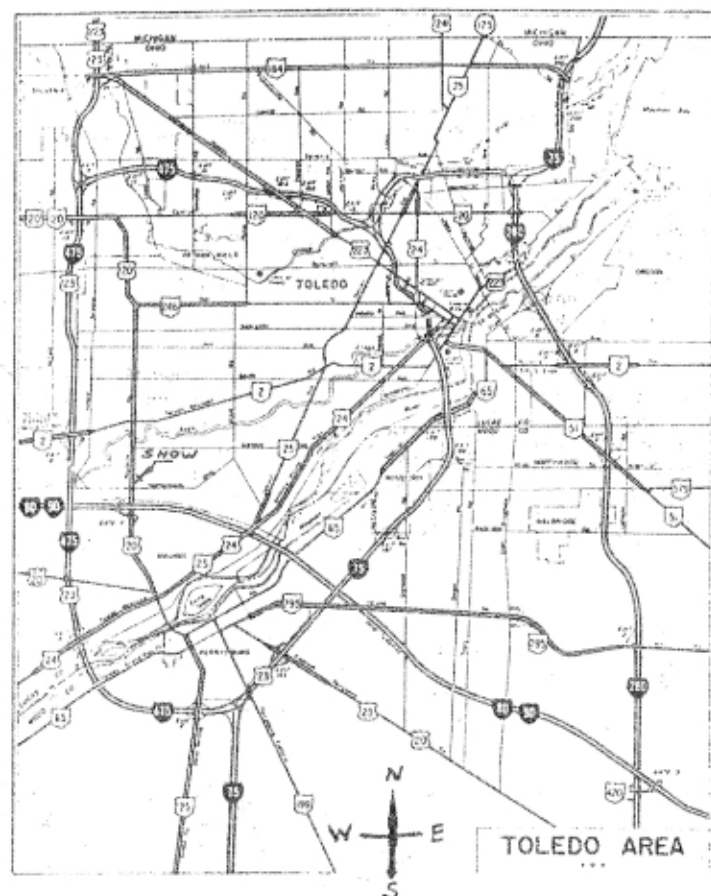
1. All shipped in entries must be received by Friday, April 6th at 5 pm. Anything after 5 pm will not be picked up.
2. Be sure all fish are marked clearly as to breeder's name, address and class to be entered.
3. All shipments must be prepaid. No collect shipments will be accepted.
4. Unless specifically requested otherwise, all shipped in fish will be auctioned. Should it be desired that the fish be returned, it should be so stated on the entry form and return shipping charges included with the shipment.
5. AIR MAIL SPECIAL DELIVERY and AIR FREIGHT: Send to Richard Bader, Box 197, Tontogany, Ohio 43565. On Air Freight - Toledo Express Airport - CALL ON ARRIVAL - Richard Bader (419) 823-7725 or Ann Bader (419) 870-9711.

AUCTION: MVGA will be having an OPEN AUCTION. At 10:00 am on Sunday, an index card will be placed with each entry on the show benches to be auctioned. Anyone interested in buying fish at the auction will sign the appropriate card and the amount they are willing to pay. If someone else wants to raise the bid, they sign their name with a higher bid. At 1:00 pm, all cards will be collected and the highest bidder will pay and take the fish. This will finish the auction soon after 1:00 pm and anyone interested will have 3 hours - from 10:00 am to 1:00 pm - to bid on their auction fish.

M.V.G.A. RULES.....

ACCOMMODATIONS:

For reservations please call Ellen Armitage (419) 823-3081. Reservations must be made 3 weeks before the show. Rooms have been reserved at the show site. Prices - \$42.00 - Single or Double Room. The Holiday Inn has an indoor swimming pool, sauna, a lounge with live entertainment and an excellent dining room. Within a one mile area there is a large shopping mall, Cinema 7, bowling alley and a wide range of restaurants for every taste and pocketbook. So plan on bringing the entire family for the weekend. The motel also has transportation service from Toledo Express Airport and Detroit Metro.



SHOW CHAIRPERSON:
Ellen Armitage
19228 Sugar Creek Road

CO-CHAIRPERSON:
Pat McCarty
17831 West River Road

As showtime draws ever nearer, do you find yourself spending just a little more time looking into those tanks of beautiful fish and saying to yourself - "That one's going to win!"

Do you also think a little about the other guy and wonder what he or she is going to enter and what their fish will be like? Have you ever entered a show with several "sure winners" only to come home empty handed?

If you are like me, you can undoubtedly answer "yes" to all three of the above categories. The first two are only idle dreaming, something which will have no bearing on the outcome of any judging. But what about the third category? Why didn't those "sure winners" produce that armload of ribbons and trophies?

Maybe, just maybe, those "sure winners" didn't show well, and also, just maybe the reason for this was because you, that person who worked so hard for so long to develop those beautiful showfish didn't take the time to finish the job and "condition" your fish for show. How do you "condition" fish for show? Well, let's all assume we are about to enter a show and let's condition our fish.

Obviously, the first thing to do is get a set of show rules and an entry blank. Now, I know this sounds like an automatic thing to do but those show rules are important and you had better study and understand them. Classes and sub-classes will be specified in the rules. Are there separate sub-classes for Delta tails, veil tails and swordtails, or is the color the only division? What about bi-color and multi-color? Are males to be shown and judged separately or are pairs to be judged? What equipment are the fish to be displayed in and how much of it are you responsible for? When should the fish be "benched" and when and to whom are you to ship your fish if this is an out of town show? These are only a few of the things the exhibitor needs to be knowledgeable about and the answer to all of these and other points will be found in the show rules. Take the rules lightly and the notation "DISQUALIFIED" may be found on your judging sheet.

Now let's turn our attention to our fish and begin our conditioning process. In the rules of this show we are about to enter, we find that guppies are to be displayed in 2½ gallon aquariums, room temperature of at least 75 degrees F., females are not required but may be displayed with the males but will not be judged. Most of us raise our fish in much larger tanks than the 2½ gallon in which our fish will be displayed, thus we need to gradually reduce the tank size so that our prized specimen will be shown in surroundings to which he is accustomed. If there is a big difference in the tank size, be sure the reductions are made gradually so the fishes are not subjected to undue stress.

What's the temperature in your fishroom or in your tanks if you use heaters? 80 degrees you say. Well, the temperature in the show room is only going to be 75 degrees F. and that 5 degrees difference would probably put our fish right on the bottom or worse, so while we are reducing our tank size, let's also gradually reduce the temperature so that the fish will be accustomed to the 75 degree temperature.

How many times do you feed your fish every day? Most of us guppy nuts feed 5-8 times per day and they will be fed about once per day during the show so we should gradually reduce the number of feedings to about two per day. I, also, suggest live foods during the last week prior to show so the fishes will be less likely to be weighted down with bulky dry foods. (Editor's Note - Guppies are not fed during IFGA sanctioned shows).

Also, do not feed at all the day before the show or the day before shipping to an out of town show. The lack of food for this short period of time will certainly not hurt a mature guppy and if he is a little hungry, maybe he will put on quite a show for the judges thinking they are about to be fed.

Are your males raised with females? If so, you might try isolating the males from the females until "bench time". Being reintroduced to a female at bench time just may insure our male really strutting his stuff for her - and the judges.

Speaking of females, our rules said they would not be judged, so should we send them? I believe so and I also believe some care should be exercised in their selection. Choose a good looking well developed female of proportionate size to the male. This will hopefully make our male happy and he should display well for her and our judges. Also, use a female that is accustomed to the attention of a male. A big female not used to the antics of a male could turn on him and injure him.

For other things to consider, let's not forget the one segment of all competitive shows which each and every entry is subjected to, the judges. All will be judged. Judges are human beings. Few if any are alike. All have their own ideas, their own likes and dislikes, their own partialities. Some judges like color. Some like finnage. Others judge higher on size and deportment. If you have a big, highly colored, large finned, very active male, you probably would win because you have managed to reach the particular scoring potential of any group of judges.

We don't always have the one fish to meet all of these criteria and we probably do not know the traits each judge is likely to score highly so consider entering several fish having different traits. That way, one fish not performing well may get picked up by one of your other entries.

Well we now have a few things to consider about show time. Some of the ideas expressed may work for you and you can certainly come up with good workable ideas of your own. While we are about it in this theoretical show, let's all go one step further - let's all meet at the winners table. GOOD LUCK!!

Editor's Note: This article is a reprint but I do not know the original source as it was sent to me by Reginald Day of the Heartland Guppy Club. With the publishing of the first set of show rules for the season I felt it was a very timely article.

WRITING ENTRY FORMS

from Doris Lastella

Our club has just finished the paper work from the Annual show and it prompted me to write this article. I find it amazing that people who show fish regularly don't know how to make up entry forms. Here are a few suggestions I hope everyone will consider before entering the next show.

First - The entry form should be done in duplicate. It is very time consuming for the person doing entries to stop working and make up a carbon copy of your entry form.

WRITING ENTRY FORMS.....

Second - Each entry should be written only once. Ex: If you are entering the fish in a tank class just write "Blue Tank" (1) or (A). The fish will automatically be matched when being banded because both bags will have an (1) or (A) on it.

Third - Designate fish to be auctioned.

Fourth - Add up entry fees and state on entry form the total fees and amount enclosed for return postage.

Fifth - State how and to whom fish are to be returned.

Sixth - Please write legibly. It was quite difficult to send auction money to some people because we could not read their addresses.

Try to remember that the host club has plenty to keep them busy at their show and these ideas will really make their work much easier. Here's hoping for a good show season next year!!

"THE FISH ROOM"

by Jim Thale

The fish room is probably one of the most important rooms in our homes. This being true a lot of care needs to be given to the manner in which we set it up. Unfortunately most of us are bargain hunters. We watch the newspapers for ads saying "Hobbyist selling out". We then go over there and buy all of these odd size tanks. Next we bring them home and create a place for them. This usually results in having long and short tanks jammed in - in any manner that they will fit. When we do this we create a management problem. They are difficult to take care of properly. It's hard to set up anything else uniform around them. It really becomes more of a job to maintain than the enjoyable hobby it started out to be. I suspect that many of you can see yourself in this spot either now or in the past. I personally think this may be one of the causes that we see so many people in the hobby for one or two years then no one hears from them again. The fun was not there and it was a job. They already have a job with their employer and they sure don't want two jobs.

Assuming that you are currently in that position - now is the time to sit down with a pad of paper and a tape measure. The first thing you need to do is measure the area to be devoted to the fish. The next step is to decide how many aquariums you can comfortably maintain with the amount of spare time you have. Keep in mind that a small tank will require about the same amount of time as a large tank, but the fish will be better off in a larger tank. Surface area is a very important factor to keep in mind, particularly during their growth months. I, myself, prefer a 15 gallon standard tank (12"x 12" x 24") or a 20 gallon (12"x 12" x 30"). This may not be good for you though, and you are the one that is going to have to live with the decision that you make, so don't do it in haste.

After you have determined the size tanks. The room size and the quantity of tanks you need to give some thought to providing water supply and drain facilities. I fill all of mine with a garden hose directly from the tap and I am able to adjust the hot and cold to the temperature I desire. This may not be practical in your area depending on the chemicals used in the water treatment. This being the case

"THE FISH ROOM".....

you may want to consider the placing of a large vat or drum somewhere near by and use a pump to transfer water to the tank. Unless you really feel that you need the exercise, I would not recommend carrying buckets of water. This can give you a hernia and it is too much like work for me.

To drain I also use a garden hose which carries the water right outside onto my lawn. This can also be done by having your tanks drilled and installing a PVC drain tube. The cost of drilling, the last time I priced it, was \$2.00 per tank - it may be higher now but it is worth looking into if you like the idea. This method will involve a fair amount of plumbing work and will be somewhat costly. Should you decide to do this make sure that you install a shut off valve on each tank so that you have control over the amount of water to be removed and also set it up in such a way that you can't accidentally drain the entire thing in the event that the phone rings or you are otherwise distracted (did you ever notice how the phone always manages to ring when you are filling or draining tanks).

Now that we have provided for the floor space and the water, we need to think about electricity. This is a very critical matter - make sure that you install adequate wall outlets to cover your needs. It is also crucial that they all be properly grounded. Water and electricity make for a lethal mix. Extension cords should be avoided as they can be the source of many hazards. Fluorescent light fixtures installed in the ceiling can give you more than enough light provided they are spaced properly. This also keeps them away from the water and they will last longer. Not only that - they are always out of your way.

Heat is another item that needs to be considered. The room needs to be set up in such a way that it will keep a fairly constant temperature year round. My room is heated by gas forced dry air in the winter and air conditioned in the summer. I would suggest that you avoid oil, coal or kerosene heat if at all possible. These three are all likely to have side effects that you don't need in your fish room.

We have now taken care of water, heat and electricity - so let's build our racks. My own stands are built out of angle iron and have leveling bolts on the bottom so that I can keep them level. Since I know that most of you don't have access to the welding equipment necessary to do this I won't spend anymore time on this type. The most common stands I have seen are of wood construction. They are not too difficult to make and don't require many special tools. The main tools that are required are a drill, saw, level and square. I would recommend 2x4s be used, but 2x2s may be used but will require more bracing. Take great care when you pick out the wood. It must be straight to provide adequate support for the aquariums and prevent them from breaking. Before you cut the first piece of wood make your plans on paper. Allow at least 12" of space between the top of the tank and the bottom of the next shelf. You may want more - it depends on how much space is comfortable to work in for both cleaning the tank and catching the fish. Keep in mind your own physical limitations both as for as overall height and depth are concerned. A mistake I made was - I have the 12" side of the 20 gallon tanks on one stand facing out so that I could get more tanks along that wall space. This would be fine if my arms were two inches longer. As it is, it is difficult to clean the back corners of the tank. (Anyone have an arm stretcher they want to rent).

Assuming that all of the matters that I have brought to your attention plus a few that I may not have thought of but you have - are carefully thought out - you are ready to build your stand. Carefully measure everything twice before cutting.

"THE FISH ROOM".....

(I forgot to tell you that you need a good tape measure). If a friend or spouse could double check your measurements it might prevent a costly error. After you have cut your parts, measure and lay out the holes for the various pieces to be joined together. Drill and bolt together, don't use nails. They may split the wood if not used properly. It is also a lot easier to dismantle the racks should you need to if they are bolted. Take great care to insure that all is level and square. You are going to have a lot of weight on it and you don't want a disaster that would be both messy and expensive.

The key ingredients to this project are time and thought. Allow enough of both and you should be rewarded for many years to come by the efficiency and simplicity you have brought to your fish keeping.

IFGA MEETING AGENDA
South Jersey Guppy Group
June 23, 1984 1:00 P.M. Local Time

Roll Call	Pat Allen
Secretary's Report	Pat Allen
Treasurer's Report	Ted Lobello
Judging Board Report	Tom Allen
Membership Report	Vi Golimowski
Publicity Report	Jim Thale
Awards Report	Bill Orth
Publication Report	Rich & Ann Bader
Central Clearinghouse Report	Bob Curran

OLD BUSINESS:

.... Vote on annual award certificate

NEW BUSINESS:

.... Awarding of 1985 shows (Mike Lastella)

Adjournment

TWO TYPES OF BREEDERS

by Reginald Day
Heartland Guppy Club

In the past few years I have talked with many, many guppy breeders and would like to put forth an observation for what it's worth.

There seems to be two types of guppy breeders out there. One that has at least one and sometimes several inter-related strains of guppies that are kept pure. These breeders not only show these fish but cross these inter-related strains to come up with show fish. (This process is commonly referred to as line breeding). Many of these breeders have shown up in final I.F.G.A. color class point counts year after year.

TWO TYPES OF BREEDERS.....

There is also a second type of breeder out there, one that has many strains, unrelated and many times not even of the same color variety. This breeder shows these strains as well as the hodgepodge he gets from crossing them. If you call one of these breeders to get a strain that won a particular color class at a show, there is an excellent chance you might be told that the winner was the result of a cross between two unrelated strains. Maybe even different color strains. That he couldn't honestly sell you one of these fish because of it.

Now this is what we want all breeders of guppies to do - Tell us if the strain is all crossed up and I admire the integrity of the breeder who does this. Many breeders in this category have also shown up in final I.F.G.A. color class point standings.

But I question this crossed up strain that wins in a particular color class. Recognition of cross breeding by letting these hybrid fish compete on an equal basis with guppies of a pure strain seems to be counter productive. Is this what I.F.G.A. is really working toward? Does this practice lead toward improvement or degeneration in the guppy?? I question this practice and at the same time realize the enforcement of a no hybrid rule would be impossible. One solution might be to have a hybrid class or a class for fish which have been outcrossed to other strains and rely upon the individual to enter his fish accordingly. I don't believe something like this would work.

Another solution which might solve several problems clubs now have with paying for and furnishing worthwhile trophies. This would be to move one step closer to becoming a truly international organization - to do as the Europeans do. Require three guppies to be entered or a trio of males for each entry. The idea being - a strain that drops three identical guppies must have something going for it. This would do away with all the single entries in a show and would relieve greatly the number of trophies in our shows. I realize that a move in this direction might also reduce the number of entries in our shows, but I suspect that this reduction in quantity might be replaced with an increase in quality of guppies being shown.

REPORT ON BREEDING TECHNIQUES OF
THE GUPPY, PART 1 - MULTIS

compiled by Maumee Valley
Guppy Association
(Not for Reprint without
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction.

This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes.

For this issue we will report on the Multis. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Bev Richmond - Gateway Guppy Assoc.	Warren Burke - Big Apple Guppy Club
Don Craft - Columbus Ohio Guppy Spec.	Frank Schultenbrandt - Big Apple
John Walski from Pennsylvania	Guppy Club

PART 1 - MULTIS.....

Question 1 - Multi strains represented and their source.

1. Bev Richmond: My source was Rich Szydluk multis. I use 2 pure bred lines.
2. John Walski: Williams, Ted Hennings, Hong Kong Male with various females by myself.
3. Frank Schulerbrandt: Gold red male strain produced one male that had two shades of red and another color - crossed him with two of his sisters result gold reds, gray bodied reds, red bis, gold multis, gray multi (I use grey multi on grey females).
4. Warren Burke: Pure multi line
5. Don Craft: Male from show auction and my neutral female.

It is interesting to note that the above breeders have been successful at shows and two use pure line breeding with their multis, two have used outcross method to hybridize. The fifth was a crap shoot. It was previously thought that you had to hybridize for show quality multis, but the two pure lines above seem to disprove that. With a lot of work you can line breed multis. Breeder 5 had good luck in generation 1 but lost it after three generations.

FEATURES OF THE STRAINS AS COMPARED TO AVERAGE:

Strains	1	2	3	4	5
Size	Aver.	Med. Lg.	Large	Aver.	Large
Tail Width	Aver.	Med.	Narrow	Aver.	Good
Dorsal	Larger	Med. Sm.	Large	Aver.	Good
Rate of Growth	Fast	Aver.	Very slow	Fast	Aver.
Rate Maturity	Fast	Fast	Early	Fast	
Fertility	Less*	Excellent	More	Less	
Cannibalism		Little	Less	More	
Susceptibility to Disease	More	Aver.	Less	More	

- *1. Problem with females with large colorful tail, gravid spot tucks up and they are sterile.
- *2. Extra effort needed to hold red color.
- *3. My multis are super in color and breed true.
Please note, breeder #1 and #4 who have pure strains have problems with fertility while the hybrid #2 and #3 did not. The size of the hybrids was larger than the pure strains, this is typical of hybrids. It takes a lot of time and work to develop a pure line.

BREEDING TRUE:

Strains	1	2	3	4	5
Time Kept Pure	3 yrs.	10 yrs	*	5 gen.	3 gen.
Siblings	*	50%		bl/gr *	*
% Desired Color	70%	50%	70%	45%	
% with Impurities		10%		15%	
% with other color		40%		40%	

- *1. One line throws small % of males that are almost AOC Bi (cream with black dots) and also this line throws some males that almost appear to be twins they are so similar.
- *3. Not true breeding yet.
- *4. Siblings are BL/GR to Red Bi, desired color 45% Red Bi.
- *5. Had pretty good luck for 3 generations but because of lack of knowledge of background of male I lost both size and color.

PART 1 - MULTIS.....

Because of the mixing no one has a high % of desired color with the exception of breeder #1 and that is a pure line.

METHOD OF BREEDING TO MAINTAIN THE COLOR:

Strain	1	2	3	4	5
Inbreeding:					
Sibling Cross	yes	yes		*	*
Father to Daughter:	yes	yes	yes	yes	
Mother to Son:	yes	yes	no	yes	
Line Breeding:					
No. of lines	2	6	2	8	
Crossed after					
No. Generation		3-4	3	4	3

- *4. Only one cross on yellow then B/G to Red Bi.
- *5. After 3 generations lost size and show quality ceased.
The only pattern here seems to be that all breeders outcross every 3-4 generations.

EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC.:

Strain	1	2	3	4	5
Foods	*	*		*	*
Chemicals	no	no	no	no	
Trace elements	no	no	no	salt	
pH of water		7.	acid	7.2-7.4	8

- *1. Have not tested
- *2. No color food used, 6 to 8 different foods.
- *4. Food, brine shrimp, microworms, fish roe, beef liver, green vegetable flakes, I use 1 teaspoon of salt only in new water, 25% change weekly.
- *5. I feed live brine shrimp for first two months and as the fish grow continue feeding with tetra flakes and frozen brine shrimp.
Because our breeders are very successful it is not surprising that they all feed a varied diet.

METHOD OF BREEDING SHOW FISH FROM THIS STRAIN:

Strain	1	2	3	4	5
Same method as for maintaining:	yes	yes	yes	yes	
Controlled					
Hybrids:	yes	yes*		1 cross	
Pure strains?	2	6		Several	

- *2. Used to control size
- *4. According to color you like.
The multi breeders do seem to outcross more often than breeders of solid colors. This does add more adventure to breeding the multis then when you deal with solid line bred strains.

PART 1 - MULTIS.....

OUTCROSSING - THE EFFECTS ON COLOR

Strain	1	2	3	4	5
Blue	Lavendar Blue	pr. unced		Intense	
Green		little		lt. intensity	
Red	nice	good		very intense	
Multi	good	yes		very intense	
Snakeskin	poor	no		not good	
Other		bi/color		*	

*4. All guppies should be crossed after 4 generations.

----- The crossing of multis into other colors is not predictable. Each line is so different genetically there is no way to know except through testing each color and this takes time.

Question 8: If all of the strain were lost except one lone male what would you consider to be the best outcross to preserve the color?

1. Another Multi.
2. Purple - Blue - Red or Pingu Pink
3. Try crossing to a Bi or maybe a snakeskin or some of Vic Piteo's neatal strain.
4. Cross with 6 different females until you get desired color.

----- There doesn't seem to be any pattern in multis, just trial and error.

Question 9: Goals for picking breeders and fry expectations:

1. Bright clean colors with at least 3 colors in the dorsals - also strive for iridescence.
2. No answer.
3. To get multi with at least 3 colors totally varigated with large body and caudal with nice matched dorsal.
4. No answer/
5. No answer.

SELECTING BREEDERS - FEMALES:

Strain	1	2	3	4	5
C/R ratio	x	x		plump	
Body size	x	short-stocky	short	1 1/2 inches	
Body shape		stubby	thick peduncle	plump	
Body color		pronounced	best multi	med. in grey	
Caudal size	x	large	large	40% at 3 mon.	
Caudal color	x	Multi	Red Var.	solid	
Caudal shape	x	Delta	round	round	
Dorsal size	x	large	average	1 unit high	
Dorsal shape	x			proportioned	
Dorsal color	x	color	color	dorsal same	

SELECTING BREEDERS - MALES:

Strain	1	2	3	4	5
C/R ratio		show quality		no crown	
Body size	x	x	large	good dorsal and caudal	
Body shape	x	large girth	lg. per.	1 1/2" body	
Body color	x	Gd. Var.	x	Same color as in caudal	

PART 1 - MULTIS.....

SELECTING BREEDERS - MALES: (cont.)

Strain	1	2	3	4	5
Caudal size	x	large		Delta 60% Veil-45%	
Caudal shape	x	Delta	Delta	clean	
Caudal color	x	Multi	3 color	same as females	
Dorsal size	x	lg. round		1 unit ht. 3 unit length	
Dorsal shape	x	flowing		1 to 3	
Dorsal color	x	match		same as female	

#1. I feel everything is important but I stress color and size.

#2. Maintain true multi color

#3. Black in pectoral fin if possible which is also a color of the caudal and dorsal.

#4. Check for razor cuts.

BREEDING AGES, SIZE OF LITTERS, RATIO OF MALES TO FEMALES

Strain	1	2	3	4	5
Age bred Male		5-6 mo	6-8 mo	5 mo	
Age bred Female	young	5-6 mo	4 mo.	3-4 mo.	
Ave. litter size	15/50	20/30	30/40	25/35	35
Ratio M/F		50/50	60/40		

----- Breeders #1 and #4 with the pure bred line multis tend to breed earlier this may be because they have a fertility problem. The other breeders who don't have this problem can wait until their fish are older and can judge them better.

GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES:

Strain	1	2	3	4	5
Body Size	both	both	F	both	
Body Shape	both	M	F	both	
Dorsal Size	both	both		both	
Dorsal Shape	both	M		both	
Dorsal Color	both	M	both	both	
Caudal Size	both	both		both	
Caudal Width	both	M		both	
Caudal Color	Both	M	both	both	

----- Breeders #1 and #4 with the pure line multis state that genetic traits are carried by both the male and female. Because no pattern developed between the other breeders no conclusions can be drawn.

Question 13: Special problems with this strain:

1. Fertility problems, lyre tailed males or lack of straight edge on caudal.
2. Maintaining of red in multi color, not to have AOC and Bi color dominate, also keep purple minimal when crossing.
3. No answer
4. Snakeskins - pastels - greens - golds.

FAVORED ENVIRONMENT FOR KEEPING THIS STRAIN:

Strain	1	2	3	4	5
Salt	some	yes		yes	
Spec. diet			*	*	
Spec. Environ.	*			box filters	
Tank size	10-20 gal.	13-20 gal.	10-20 gal.	10 gal.	

#1. Duckweed and algae.

#2. Tubifex, Fish roe, fresh shrimp mixed in blender with vitamin B-12.

#4. Brine shrimp and microworms

PART 1 - MULTIS.....

COMMENTS OF THE BREEDERS:

1. This is a fascinating strain for two reasons. The dorsals are truly outstanding for a multi and the colors are vivid. Secondly, in nearly every drop of one line I get a few AOC Bi color multis males and then the majority are regular multi colors, but within that group often there are two males that are look-alikes. These are great for tank entries. It is very challenging to line breed multis, that keep 3 colors in the dorsal, keep the colors bright and retain a tight pattern in the caudal. It is a lot easier to outcross using other color strains and grow a large hybrid for show, but I feel that I have accomplished more if I can win with a pure line bred multi.

2. Constant work by hybridizing to maintain large size, continued effort to keep red color in part of multi. This strain is a challenge as much disappointment takes place when you hybridize by washing out desired multi coloration. One of my favorites to work as results are never predictable.

4. According to the strains you keep they vary in crossing and maintaining their true dorsal color and caudal. I always cross my lines after 4 generations in all. All males kept separately at all times the same as in females.

A PASSING THOUGHT

by Jim Thale

It has been a while since I've had an opportunity to talk to you. I hope that all of you had a grand holiday season. Now that is over, it is time to settle back into the working groove and get back to preparing for another show year. Right now is the time that you need to be picking out those fish that are going to represent you at the first show of the year which happens to be Maumee Valley. By doing this now and allowing them a little more space they will be in much better shape than they would be if you leave them in semi crowded tanks right up until the last minute.

I hope that since you have all had a little time with no shows and only one bulletin to read in the last two months that some of you sat down and wrote an article for the publication. In the event that you didn't I hope that maybe you put together that outline for the expression of your thoughts that you would like to share with the rest of us.

Sharing is a big part of any hobby and there are many ways to do this. Two of the best ones that I'm aware of are the sharing of the fish and the decimation of information among fellow enthusiasts. One could set a goal to trade, sell or give just one more pair of fish than they did last year. This translates to one more person with guppies and this represents growth of the hobby and if we all do this it can be a really big growth.

The second thing being - spreading the word. This can be done by conducting a seminar at a local aquarium society. Should a seminar be too heavy for you just getting up at your own club meeting and relating some of your own experiences and problems to the rest of the club is a help to everyone. You will find that you have many things in common and talking about them will be a big help to you as well as them.

Since it is early in the year I will keep this short. I think I have given you something to occupy your mind and body with that will keep you busy even if you only follow through on a part of it. See you all in Ohio.

AN AQUARIST'S NEW YEAR'S RESOLUTIONS

I do hereby resolve to remove live food, such as earthworms, from the refrigerator. I shall remove my favorite deceased fish from the freezer and properly bury him. I do also resolve to find suitable containers for infusoria, microworms, daphnia, etc. No longer shall I use Tupperware, beer steins, candy dishes and sugar bowls. I resolve to throw away at least 200 of my empty mayonnaise, peanut butter, jelly, pickle, olive and wheat germ jars. I do also resolve to throw away all unproductive microworm cultures that are over a year old (container and all). I resolve to clean all sinks, tubs and toilet traps of charcoal, gravel, snails and duckweed. I resolve to periodically renew cultures in my proper containers. I resolve to keep my water-aging containers filled with water. I resolve to siphon part of each tank weekly, instead of waiting until the water turns a deep amber color. I resolve to spend more time and money with my wife than the fish. I resolve to return to the kitchen from the fish room all but one of our table-spoons. I resolve to clearly mark tooth brushes used for cleaning algae. I resolve to return the salt and baking soda to the kitchen and the mercurochrome to the medicine chest in the bathroom. I resolve to clean the fish room. I resolve to keep the fish room clean. Stop by...and see my tanks sometime..but PLEASE, give me a month's notice!!!

Author Unknown

PAN PACIFIC GUPPY ASSOCIATION
IFGA SANCTIONED 7 POINT SHOW
April 20 - 21, 1984

LOCATION: Eastland Shopping Center, West Covina, California

SHOW SCHEDULE:	Friday, April 20	Saturday, April 21
	8 AM - Benching	9 AM - 6 PM Open to general public
	6 PM - Judging	9 AM - Judging continued if necessary
		1 PM - Awards & Auction
		6 PM - Debenching

GENERAL RULES:

1. All entries must be registered by 6pm Friday April 20th.
2. All entries must have been born and raised in the exhibitors tanks.
3. Fish will be judged visually by a group of judges in accordance with IFGA standards. A 75 watt incandescent flood light will be used during judging. Uniform black backgrounds throughout. The decisions of the judges will be final.
4. Exhibition will determine classification of entry. Assistance in classification will be available at the time of registration. No gravel, greens or decorations may be used with any entry.
5. No fish shall be removed from the show prior to the close of the show, except for personal pick-up. PPGA members will remove fish from the display and return to the exhibitors.
6. Every precaution will be taken to prevent the loss or damage of any fish, but the PPGA cannot assume responsibility for loss or damage to any entries.

PPGA RULES.....

ENTRY FEES:

Single - \$1.50 Tank - \$2.50 Breeders - \$3.50

Single entries: All entries are to be exhibited in ½ gallon drum bowls. One female is optional but will not be judged. Bowls will be available at no charge. Tank entries: Two matched males are to be exhibited in ½ gallon drum bowls. Bowls will be available. Related female may be added but will not be judged. Breeder Male: Five matched males to be exhibited in 2½ gallon tanks (also at no charge). Two related females may be added but will not be judged. Breeder Female: Three matched females to be exhibited in 2½ gallon tanks. (also will be furnished). Novice? Open to those exhibitors who have never won a 1st place in an IFGA Show.

CLASSES:

TANK	DELTA/VEIL	FEMALE	COMBINED DELTA/VEIL
Red	Red	Red	Bronze
Blue	Blue	Blue/Green	Gold
Green	Green	Black	Swordtail Single
Black	Black	Gold	Swordtail Double
Multi	Multi	AOC	Yellow
AOC	AOC	H/B AOC	H/B Yellow
Purple	Purple	Albino	Novice
H/B Red	H/B Red	Novice	
H/B Blue	H/B Blue		
H/B Pastel	H/B Pastel		
H/B AOC	H/B AOC		
H/B Yellow	Red Bicolor		
Red Bicolor	Blue/Green Bicolor		
Blue/Green Bicolor	AOC Bicolor		
AOC Bicolor	Snakeskin Solid		
Snakeskin Solid	Snakeskin Varigated		
Snakeskin Varigated	Albino		
Yellow			
Gold			
Albino			
Bronze			
Swordtail Double			
Swordtail Single			
Novice			

AWARDS:

All first places will receive a medallion. Single and tanks will receive an award card for: 1st, 2nd, 3rd and 4th places. Breeders and Best of Show award will receive a plaque for first place.

AUCTION:

Exhibitors wishing to have their entries sold by the auction should so specify when registering in the space provided on the entry form. PPGA will retain 25% of all auctioned fish. Any fish that has been put up for auction but without a bid will be kept by PPGA, or sent back to exhibitor if he has other entries going back.

AIRMAIL SPECIAL DELIVERY or EXPRESS MAIL only. Send to:

Dr. Frank Chang
313 Liberty Lane
Placentia, California 92670
(714) 996-5713

PPGA RULES.....

Send AIR FREIGHT to LAX (Los Angeles Airport) Mark cartons - Call On Arrival:
(213) 701-1351 Carl Hutter
18400 Prairie #212
Northridge, California 91325

Please call before shipping to give him approximate time of arrival. Be sure all fish are marked as to class and breeder. Please include names and addresses of all breeders. Please - in group shipments. Please specify if fish are to be returned (return fare included), auctioned, etc. Please use IFGA or similar entry forms. Also it is a good idea to call to inform me when to expect your fish.

ACCOMMODATIONS:

Please call show chairman for further information. I realize that this show is far away for most exhibitors but if you are planning to attend, we will be happy to find a hotel for you near the show site. Remember this is a great opportunity to make a combination vacation to California and an IFGA show.

Co-Chairman
Dr. Frank Chang
313 Liberty Lane
Placentia, California 92670
(714) 996-5713

Show-Chairman
Dr. James Alderson
1338 Calle Gálante
San Dimas, California 91773
(714) 592-2233 Home Phone

I hope that everyone will try to send as many entries as possible to make our show a success. The Pan Pacific Guppy Association still needs judges for our April 20 - 21 Show.

QUESTIONS & ANSWERS

December's Question of the Month - Algae (advantages and disadvantages).

Answer from Lois Bushman
Michigan Guppy Breeders'

As an avid marine hobbyist I like algae in my tanks. Most marine hobbyists would say that fish couldn't live without it. I wouldn't go that far, but I'll say it certainly helps. Fish create ammonia build-up in the water simply by eating and secreting waste. That waste can build up, inhibit growth, and eventually kill. This problem is greatly solved by frequent water changes and some sort of filtration. Green algae helps to break down the toxins by conversion to nitrates.

The algae which shows up in freshwater tanks is usually that green mossy stuff which adheres itself to the glass sides and the unicellular suspended matter which turns the water a cloudy green. Most people consider this "unsightly" but it is not unhealthy unless a sudden decrease in light causes it to die and decay.

One can grow a good, healthy crop of algae with the use of natural sunshine and/or a good plant light at least 10 hours a day. Healthy algae actually looks pretty when allowed to grow thick and it can be scrubbed from the front glass with a sponge so you can see your fish. "Green water" is a good secondary fry food. Some species of snails, like ramshorns, produce infusoria when allowed to graze on algae.

QUESTIONS & ANSWERS.....

Many of the top guppy hobbyists I've talked to seem to like sterile environments (crystal clear tanks, corner filters that are completely changed every so often, water changes every other day or so). While I can't dispute a method that puts guppies into the winners circle so often, the "natural" side of me has problems with it. Algae and other nitrifying agents have formed part of the "balance of Nature" and the bottom of the ocean's food chain for years before the first fish went into a tank.

You've heard the expression "If life gives you lemons, make lemonade"? Well, if Nature gives you algae----

Answer

From Bryan Timmerman
Corresponding member - Iowa

All of us who keep guppies will sooner or later run into our friend - Mr. Algae. And really that is what he is - a friend. Sure he can make a mess out of our tanks - cause our water to turn green and make the glass look like a green pasture. But, I can tell you from my own knowledge that green water is a very good way to raise the young of some cichlids as it provides food for the very small fry besides what you would normally feed them.

Though I have never raised guppies in green water, I have had other breeders tell me they do with very good results. Have you ever noticed all the different algae flakes on the market? It must be a good food!! If it is good in a dry form it must be better fresh.

Algae helps us in another way in newly set up tanks. Its forming on the sides in a little patch is a very good sign that your tank is in balance and ready to have fish move in. For those of you who don't like algae in your tanks, but do not object to some floating plants this is a good way to slow the growth of algae and then there is always the algae scraper. So on one hand, algae provides our guppies young and old a continuous source of plant food and on the other hand, it can make a mess out of our tanks. The choice is up to you. In my own tanks almost all the glass is covered with algae except both ends for viewing. And whatever you do don't use algae eaters as they are one of the meaner fish around and like to nip fins. I hope this helps some people.

February's Question of the Month:

What type of heating system do you have in your fish room?

WHAT'S FOR SUPPER?

Subject: MICROWORMS

From Warren Burke
Big Apple Guppy Club

Items needed to start: a large plastic container to mix the culture, three plastic clear shoe boxes, a box of Beechnut cereal, two 1 ounce envelopes of Knox's Gelatin and Vitamin B12.

WHAT'S FOR SUPPER?.....

First empty the box of cereal into the large mixing container, dry at first. Then add two envelopes of Knox's Gelatin to the dry cereal along with two 800 mg. of Vitamin B12. Wheat germ can also be added. Mix this dry mixture well with a plastic or wooden spoon. Then add - aged water from the aquarium along with some dry active yeast and some beer that is room temperature. Mix to a firm paste. The dryer the texture of the paste the faster the culture will take. Now we add a microworm culture into the mix. We again stir rapidly. Don't worry about stirring rapidly that you might kill the worms because you won't.

Now place the mixed culture in the three shoe box containers only $\frac{1}{2}$ inch from the bottom in each of the boxes. Place lids on top of shoe boxes and set aside at temperature of 60 to 65 degrees, never warmer as it will spoil. In about 48 hours you can see millions of microworms starting to form and climbing up the inside of the containers. Always keep in mind - never touch the worms that are in the culture mix, only the worms that climb on the sides of the containers.

If you have any culture mix left over, place it in small plastic containers. This way we can start a new culture after 5 days and continue the same method so we always have some on hand at all times.

from Bryan Timmerman
Corresponding Member - Iowa

Microworms are a small live-bearing worm that is very easy and cheap to grow at home and they make a very good food for young guppies and are considerably cheaper to grow than brine shrimp.

The basic items needed are as follows: yellow corn meal, dry yeast, plastic shoe boxes and a starter of microworm culture. First, we empty yellow corn meal into each of the plastic shoe boxes until we have a depth of about $\frac{3}{4}$ inches - then add 1 packet of dry active yeast and stir this dry mixture until the yeast is spread out evenly through the corn meal. After this is done, take enough aged water from an aquarium to wet the corn meal through - as to form a paste. Then take your microworm culture and mix it through the paste - press it down into the bottom of the plastic shoe box, taking your fingers push any of the culture that may have gotten on the sides back into the bottom. This will make the harvesting of microworms cleaner so you don't get any cornmeal or yeast in your water when you feed the microworms.

Now place the lids back on the top of the shoe boxes and set aside at a temperature of 60 to 70 degrees - never warmer than 70 degrees!! In about 72 hours you should be able to see millions of microworms on the top of the culture and starting to climb the sides of the shoe boxes. When you see this take a plastic spoon or your finger and scrape them off the side and feed to your fish. One note - if you take a piece of sand paper and lightly scrape it along the sides of the shoe boxes before you set up the culture, the microworms will crawl up the sides a little higher and thus make it easier to harvest them.

Microworms are a very good body building food in young fish and should be given to young guppies on a daily basis but should not be given to fish older than 6 months as it will cause them to get too heavy.

Next Month's What's For Supper: PASTE FOODS (Vegetable Content)

In this record breaking - sub zero winter, that most of us are experiencing, it's a comfort to know that spring will be next in line. And with the first two shows being published in this issue - Guppy Fever will certainly start to rise.

This is the Computer Age and all of our lives are touched at some time by this new technology. We are fortunate enough to have a member of the IFGA, who I feel, has a great idea that could benefit all of the clubs. Frank Schulerbrandt of the Big Apple Guppy Club, has come up with a computerized set of registration books and cards for judging classes to be used at shows. Frank sent a set of these books to the MVGA club. Personally, from having experience at setting up these books and also helping at various shows with their books, I was very impressed with Frank's set up. The thought has also been brought up, that perhaps, the coding system on the show classes could be standardized by the I.F.G.A. A computerized system of books would certainly be a big help to any new club hosting their first show besides being a time saver for all of us. Frank reports that it takes very little time to print out the forms, as he has everything in the computer and only needs to key in the club's name for a set to be done.

Of course, I suppose, many of you are asking - What's the cost??? Well, two years ago the Big Apple Guppy Club tried to put together a slide program on guppies for the IFGA's use. He asked for people to send in slides for this project but received very little response. So this is a bargaining deal - any club that will furnish him with slides will in return receive a set of the computerized books. Sound fair --- for further details, please contact:

Frank Schulerbrandt
3333 Broadway D - 17D
New York, New York 10031

Perhaps everyone's thoughts on a standardized coding system for shows can be brought up at the next IFGA meeting. Please clubs - give it some thought.

While we're on the subject of computers and their versatility - MVGA has published their first report on breeding techniques of the various strains in this issue. Our club members, Jim and Pat McCarty, are setting up these reports on their home computer, so any comments you might have on any strain can easily be added to make the conclusions more complete.

Congratulations to: Peter Tedesco, of Fancy Finny Friends, whose article - "How To - Build a Heater for Your Fish Room" was a feature in the January 1984 issue of Freshwater and Marine Aquarium magazine. Also to George McCroskey whose article - "Historical Notes on Brine Shrimp" was reviewed in The Wet Thumb (Cleveland Aquarium Society) Jan/Feb, 1984.

Stay warm and take extra precautions in the fish room this winter!!!

NOTICE!!!

At the Annual meeting Section VII on IFGA Accredited Judges in your Judging Blue Book was changed. The following Page 12 is the revised page to be removed from this bulletin and placed in your judging book.

SECTION VII - IFGA ACCREDITED JUDGES

Judge Accreditation Requirements:

1. Must attend two IFGA seminars.
2. Must observe at three IFGA sanctioned shows with a Judging Team.
3. Must pass the written test.
4. Must assist two qualified judges at 7 IFGA sanctioned shows (4 shows for those in outlying areas).
5. Must judge 5 guppies under controlled test conditions and get a passing grade.
6. Must have the approval of the Judging Board.

Judging Tests: Tests will be given once a year at a seminar held for the processing of judges. Two or more members of the Judging Board must be present to give all accreditation tests.

Judging Seminars: A judging seminar for the purpose of training those interested in learning about judging is held in conjunction with the IFGA Annual Meeting. Two additional seminars per year may be held in outlying areas. Outlying clubs interested in holding one of these seminars should contact the Secretary. IFGA will pay for 50% of the travel costs to get one Judging Board member to the area to conduct the 1st seminar. The 2nd additional seminar must be paid for by the host club.

To Retain Accreditation: A judge must judge at least 5 classes at a minimum of two sanctioned shows per year and attend a judging seminar every two years to retain accreditation. Show Chairmen are responsible for reporting any cases of judges not fulfilling the 5 class minimum at their show.

Reinstatement: If a judge loses accreditation, he can be reinstated after judging three sanctioned shows within a show year and with the approval of the Judging Board.

Censure Procedure: May be taken against a judge for just cause (judging his own fish, judging fish he entered for someone else, cheating, etc.) Censured judges may be removed from the accredited judge list. A formal complaint in writing at the time of the show must be presented to the show chairman who will turn the complaint over to the Judging Board for review.

List of Accredited Judges: Names and addresses of IFGA Judges appear in each of the IFGA Bulletins.

ACCREDITED IFGA JUDGES

Stan Shubel
8715 Hidden Lake Dr.
Howell, MI 48843

Milford (Pop) Morgan
4824 E. New York St.
Indianapolis, IN 46201

Mike Regent
17 Autumn Ct.
Colonia, N.J. 07067

Ethel Shubel
3715 Hidden Lake Dr.
Howell, MI 48843

Don Craft
130 Lake Dr. SW Rt. #2
Pataskala, OH 43062

Don Saurers
2610 Elliott Ave.
Columbus, OH 43204

Sue Hull
2890 Mt. Holyoke Rd.
Columbus, OH 43221

Andy Hull
1301 Hancock Ave.
Alexandria, VA 22301

Alice Regent
17 Autumn Ct.
Colonia, N.J. 07067

Dennis Hirth
40 Redwing Ave.
Bricktown, N.J. 08723

Tom Allen
304 Circle Ave.
Lombard, IL 60148

Ted Lobello
50 Derby Lane
Orland Park, IL 60462

Harold Morgan
14107 Briar Place
Houston, TX 77077

Bill Orth
2609 Marian Ave.
Lafayette, IN 47905

Barbara Hirth
40 Redwing Ave.
Bricktown, N.J. 08723

Frank Jamiol
386 Arnold Ave.
West Babylon, N.Y. 11704

Ron Yater
Rt. #5 Stable Acres
Columbia City, IN 46725

Rich Szydluk
3923 Firestone Lane
Hoffman Estates, IL 60172

Mike Lastella
3340 Yost Blvd.
Oceanside, N.Y. 11572

Tom Washburn
458 N. Prairie
Mundeleen, IL 60060

Vi Golimowski
720 E. Jackson St.
Morris, IL 60450

Eugene Golimowski
720 E. Jackson St.
Morris, IL 60450

Richard Bader
P. O. Box 197
Tontogany, OH 43565

John Zelk
4004 Owl Drive
Rolling Meadows, IL 60008

Marlyn Johnson
28328 Harwick Drive
Farmington Hills, MI 48018

David Polunas
546 N. Bridge St.
Bridgewater, N.J. 08807

Jim Jirku
2309 Scoville St.
Berwyn, IL 60402

Doris Lastella
3340 Yost Blvd.
Oceanside, N.Y. 11572

Ellen Armitage
19228 Sugar Creek Rd.
Bowling Green, OH 43402

Paul Gorski
6 Hollow Creek Ct.
Hampton, VA 23669

Mike Golimowski
707 Bridge St.
Channahon, IL 60410

Frank Orteca
15707 Corkhill
Maple Heights, OH 44137

Everett Gold
9460 Harold Dr.
Woodson Terrace, MO 63134

John Mackey
P. O. Box 456
Dollar Bay, MI 49922

**INTERNATIONAL
FANCY
GUPPY
ASSOCIATION**



**OFFICIAL
PUBLICATION**

INTERNATIONAL FANCY GUPPY ASSOCIATION

PURPOSE....To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
To keep current and update the present standards
For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the fancy guppy

OFFICERS

PRESIDENT: Tom Allen 304 Circle Ave. Lombard, IL 60148 312-627-8051	VICE PRESIDENT: Mike Lastella 3340 Yost Blvd. Oceanside, NY 11572 516-766-3954	SECRETARY: Pat Allen 304 Circle Ave. Lombard, IL 60148 312-627-8051
TREASURER: Ted Lobello 50 Derby Lane Orland Park, IL 60462 312-349-9326	PARLIAMENTARIAN: Paul Blood 2312 E. Cumberland St. Philadelphia, PA 19125	JUDGING BOARD CHAIRMAN: Stan Shubel 8715 Hidden Lake Howell, MI 48843 517-546-4041
JUDGING BOARD MEMBERS: Pop Morgan Mike Regent	(addresses on back cover) Ron Yater Tom Allen	Bill Orth Harold Morgan

COMMITTEE CHAIRMEN:

MEMBERSHIP: Vi Golimowski 720 E. Jackson St. Morris, IL 60450	SHOW ROTATION: Mike Lastella 3340 Yost Blvd. Oceanside, NY 11572	NOMINATING: Jim Thale 11 Kathy Drive Fenton, MO 63026
PUBLICITY: Jim Thale 11 Kathy Drive Fenton, MO 63026	PUBLICATIONS: Ann Bader Box 197 Tontogany, OH 43565 419-823-7725	AWARDS: Tom Allen 304 Circle Ave. Lombard, IL 60148

SWAP SHOP

To buy, sell or trade fish or related supplies:

In the U.S.A.: Bob Curran Star Route Box 753 Lincoln City, OR 97367	In Canada: Eugene Wiatzka 29 Langfield Cres. Rexdale, Ontario, Canada M9V 3L6
------------------------------------------------------------------------------	----------------------------------------------------------------------------------------

PUBLICATIONS:

Judging Rules & Standards Booklet: \$2.50 (Postage included)
 Standard Entry Forms: \$1.50 per hundred (Postage included)
 Bulletin Subscriptions: \$10 for 1st Class mailing - \$15 for 1st Class Foreign
Advertising Rates: \$20 per issue - Full page ad; \$10 per issue - Anything less than a full page.

PAYMENTS FOR ANY OF THE ABOVE

Please make check or money order payable to IFGA PUBLICATIONS and send to:
 IFGA
 50 Derby Lane
 Orland Park, IL 60462

OFFICIAL BULLETIN

OF THE

INTERNATIONAL FANCY GUPPY ASSOCIATION

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* Pages 6, 7, 8, and 9 are not numbered as they were preprinted. Thanks, G.A.I.C.!

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MESSAGE FROM THE PRESIDENT

by Tom Allen

Resolutions resolutions... and more resolutions at the onset of every new year, we get peppered with the idea that to be better citizens every one of us must make a pact with ourselves to lead a better life in the coming 12 months. Invariably, by the time February greets us, we've completely forgotten our earlier promise to ourselves and have gone back to our old habits. It's so easy to revert back when our resolution is 'wishy-washy' to begin with. The IFGA needs each of us to be better citizens toward our hobby in 1984. We need to adopt resolutions (set goals) for ourselves as authors, breeders, as exhibitors, as judges, as ambassadors of our hobby --- realistic and reachable goals --- and then follow through on them. The "I'll be more active" goal is a cop-out. Here's your chance to set concrete goals to help yourself and, in doing that, indirectly help all of the members of your local club and everyone in the IFGA to boot.

It was good timing to see the articles on microworms in last month's bulletin what with the brine shrimp egg price increase we face. While there is no better food for fry than newly-hatched baby brine shrimp, supplementing their diet with worms, live daphnia, frozen beef heart, etc. will allow us to cut back on the brine shrimp and not notice a marked decrease in size of our fish. At any rate, let's see more articles and tips on foods and feeding techniques to get us through this crisis.

To remain in good standing, all clubs must have a delegate/alternate in attendance at our June meeting. For you newer clubs, there are three choices:

1. The most desirable choice is to have one of your own club members in attendance to participate in the meeting.
2. You may appoint an alternate of your choice provided the IFGA secretary is presented (or mailed) before the meeting a letter of authorization allowing that person to cast your club's vote on all business matters.
3. You may instruct, again by letter, the IFGA secretary to appoint an alternate for your club from among the people at the show.

Whatever your choice, do not wait until the last week to mail your letter. Oftentimes, the postal service doesn't get the mail there in time not allowing your representative to answer the roll call as planned.

Don't forget the judging seminar in conjunction with the MVGA show in Toledo in April. We need all the new judges we can get.

FROM THE JUDGING BOARD

by Tom Allen

There has been a long standing rule in our judging standards that specifies that any fish not having a proper class should be placed in the AOC class. This is best illustrated a few years back at a show hosted by the Dayton Guppy Club where all veils had to be entered in the AOC veil class as no other veil classes were available. Thus, Blue, Purple, H/B Pastel, and Albino veils all became AOC veils for that show and competed against one another. This is being discussed here because of some apparent confusion with respect to the Albino female. This confusion was fostered in the article on "Judging Females" in a recent bulletin. In that article, it was stated that if an Albino female had a red caudal and no Albino female class existed, it should be classed as a Red female. This illustration was incorrect - the fish should have been entered in the AOC female class. This

FROM THE JUDGING BOARD.....

convention has not changed - when no Albino female class is available, any female with a red/pink eye automatically becomes an AOC female regardless of body color, etc. Admittedly, an Albino female in the AOC class may not be competitive but an exception to the general rule cannot be made for one type of fish. Judges should take special care to check eye color when judging female classes at this year's shows.

EAST COAST GUPPY ASSOCIATION
EIGHTH ANNUAL GUPPY AUCTION

The Place: Holiday Inn
173 Sunrise Highway
Rockville Centre, New York

The Date: Sunday, March 4, 1984

The Time: Viewing 1:00 PM
Auction starts at 2:00 PM
Auction closes when all fish are completely auctioned.

For the true enthusiast. Top of the line breeding stock from various World Championship Strains, many of which won class championships for the 1983 competition in the International Fancy Guppy Association.

Many different strains available: Blues, Greens, Half Black Greens, Yellows, Half Black Blues, Swordtails, Blacks, Reds, Half Black Pastels, Bronze, Albinos, Half Black Reds, Purples and Snakeskins. All strains subject to availability on the day of auction.

Free refreshments.

DIRECTIONS: From the East: Sunrise Highway west to Holiday Inn.
From the West: Belt Parkway to Sunrise Highway, east to Holiday Inn, Rockville Centre.

For further information call either: Ken Klimpel (516) 368-7978
Lenny Buttafuoco (516) 593-3117

CORRECTION TO THE MVGA RULES.....

Awards: Plaques instead of rosettas will be given for 2nd, 3rd and 4th places in Best of Show, Breeder Males and Breeder Females.

SHOW CHAIRPERSON:
Ellen Armitage
19228 Sugar Creek Road
Bowling Green, Ohio 43402
Phone: (419) 823-3081

CO-CHAIRPERSON:
Pat McCarty
17831 West River Road
Bowling Green, Ohio 43402
Phone: (419) 823-3352

by James Coleman, Jr.
Corresponding Member
Washington, D.C.

I read Bill Orth's "Death of a Fish Room" in the December issue. Ichthyophonus disease I call the creeping flesh is acquired by fish eating infected tissue of other fish. Upon ingestion the disease reaches the blood stream and invades the liver, kidney and intestine. When the disease invades the brain, an impaired central nervous system develops and the fish may appear listless and exhibit a bizarre swimming behavior. There is no known cure and by the time the fish shows signs the disease has progressed so far that treatments are useless. The disease can spread by breeders transferring unknowingly infected fish to healthy fish tanks. The infected fish will live a few months and die - the healthy fish will eat the infected fishes' waste and tissue. So fish with a whitish look, loss of appetite, shrunken belly and slow unnatural movement should be removed and destroyed. Please watch all females because the disease attacks the ovary first.

PROMOTING THE GUPPY

by Jim Thale

Among clubs that have bylaws, constitutions or purposes spelled out this is something that is almost always there but not really pursued. Oh, sure, you hold a show every year or so, but this is not enough. You also hold auctions, this helps but still falls far short of reaching this goal. To be honest about it your auction promotes your treasury more than the guppy itself.

Over the years I have been fortunate to have been in the position to do a lot of things that get the guppy in front of non-fish keeping people. In all likelihood most of you have also been in the same spot but did not realize it or take advantage of it. One example - when visiting the dentist (we all enjoy that, right?) I happened to notice that he had set up an aquarium in the waiting room with African Cichlids in it. Not the best choice but they are interesting fish. I raised them myself in the sixties and early seventies. I also raised guppies then. A point in my favor was that I was far more knowledgeable about them than he so I was able to answer many questions for him. I also took this opportunity to tell him that I had fish that would look nice in his tank but wouldn't be compatible with his current selection. I let him know that I would be more than happy to give him some should he tire of the aggressive cichlids. Give is a key word here - we all want something for nothing. It wasn't long before he grew tired of replanting his tank every day and was calling me to take me up on my offer if I was still interested. Well I was, and the next weekend I gave him some nice looking guppies that were eye appealing but not particularly show quality. I also threw in some swords and mollies and a few albino cat fish. He now buys these fish from me, so those gift fish have returned a money profit in the long run. The best part is that when his patients have questions other than just conversation he refers them to me. This way I have one more chance to introduce the guppy into another household.

Another example - The Missouri Aquarium Society. This club and a very good one it is holds a show every year. They used to have one guppy class which got very little participation. I approached them on behalf of GGA and offered to sponsor ten classes in their annual show. I told them that we would furnish the judges and the trophies and they accepted on a trial basis. This club's show has two to three hundred entries every year and our guppies are a fourth or greater of the total entries. I think that is not too shabby for getting guppies into a

PROMOTING THE GUPPY.....

general aquarium show. We started out with eight basic colors and one female class and a two matched male class. After judging the classes we pick a best guppy that will compete with the other fish for Best in Show and the judges award. In 1978 yours truly was lucky enough to win the Judges Award over all of the other entries in the show. On a year to year basis we have renewed our sponsorship and have revised the classes to meet the guppy keeping trends of the area. Two examples are: we put the blue and green guppies in one class called obviously blue or green - we also took and combined the albino with the snakeskin. These were classes that were not strong enough to stand by themselves but too important to lump them into AOC and expect to see them on the show bench. Different areas will require various types of concessions that you will have to examine on a case by case basis.

Another thing that I have been fortunate to do is speak at many different workshops around the country. I always make sure that I have extra fish with me that can be given to various people that seem to show a keener interest in my presentation. I particularly try to get them into the hands of kids or young people because they will be the backbone of the hobby in the years to come and just maybe by my help they will someday return my favor by getting someone else started.

In the event that there is an aquarium club in your area make them aware of yourself and your club. You can offer to judge their bowl show when it is the month that guppies are to be featured. You may also offer to address the club on the subject of guppies as a program at the monthly meeting. Programs are hard to come by and I think you will be surprised at the reception you get. I know that there have been many times that I have been much wiser after one of these presentations because I was able to learn from the responses of the different people. Keeping fish, regardless of the type, have many of the same basic problems and someone with killifish just might be able to help you by his solution to a problem that you are now having with your guppies because last year he experienced the same thing with his Killies.

One of the most available sources of promotion are our own co-workers. When you hear that someone in the shop or office is getting a tank - offer to help them set it up. Let them know that you have done this before and to help defray their initial investment you will even give them "A COUPLE OF FISH TO MAKE SURE THE TANKS ALRIGHT". How can they refuse an offer like that? Plus, if you play your cards right, you get to drink beer on them for at least three or four weekends. That's a pretty good pay off in itself.

After you have read this make it your goal to attempt to do one of these things that I have mentioned each month. Now take and fasten this to next month's page on your calendar and read it again when you turn to the new month. Do this every month and when we reach the 31st of December. Happy New Year!! I know you made this past year a happier one for yourself and those you've helped along the way.

NEW MEMBERS OF B.A.G.C.

from Warren Burke
Big Apple Guppy Club

I would like to mention that we have gained two new members in the Big Apple Guppy Club. They are well known in the Eastern area - Queens and Long Island. They are Nick and Marcia Repanes. They have not only joined our group but have taken on the responsibilities of Secretary of the club. We'd like to give them a warm welcome and a big "Thank You" for getting so involved.

HOW GOOD A CLUB MEMBER ARE YOU?
Aquarium Club Member Evaluation

Reprint - The Darter
Jan/Feb. 1984

MEMBER ACTIVITIES	FAR EXCEEDS CLUB REQUIREMENTS	EXCEEDS CLUB REQUIREMENTS	MEETS CLUB REQUIREMENTS	NEEDS IMPROVEMENT	NEEDS VAST IMPROVEMENT
SPEED OF VOLUNTEERING	Is faster than a speeding bullet	Is as fast as a speeding bullet	Not quite as fast as a speeding bullet	Wounds self with bullets when shoot- ing gun	Volunteers only when threatened with gun.
WILLINGNESS TO PITCH IN	Will leap tail aquariums with a single bound	must take running start to leap over tail aq.	Can only leap over an average aq. with no stand	Crashes into aq. when leaping	Cannot Re- cognize aq. much less leap
CAPABILITY	Is stronger than aquarium cement	Is stronger than a bull elephant	Is stronger than a bull	Shoots the bull	Smells like a bull
ADAPTABILITY	Walks on water consistently	Walks on water in emergencies	Washes with water	Drinks water	Passes water in emergencies
INFORMATION	Talks with God	Talks with angels	Talks to self	Argues with self	Looses those arguments
PARTICIPATION	Makes countless motions	May make many motions	Makes some motions	Seconds motions	Is motionless
BREEDING	Breeds every fish known	Breeds only a few fish	Breeds with other adult club members	Has enrolled in a sex education course	Has no breeding
EXHIBITING	Exhibits fish on slightest provocation	Exhibits fish in most shows	Sometimes exhibits	Raps on aquarium glass at exhibits	Gets judged in court for exhibiting
INTEREST IN HOBBY	Lives with fish, forgets people	Sometimes remembers people	Can think calmly for short periods	Sometimes remembers to go to work	Eats fish

GUPPY ASSOCIATES INTERNATIONAL CHICAGO
IFGA SANCTIONED 7 POINT SHOW
May 5-6, 1984

LOCATION: GRG Co., 2838 Birch St., Franklin Park, Il.

LODGINGS: There are three good motels within a few minutes of the show site. You can pick the motel you prefer and call making your own reservations. When you call be certain to identify yourself as with the Guppy Group. Reservations must be made at least 2 weeks in advance. The three motels are as follows with their corresponding rates and locations:

REGAL EIGHT -- 2448 N. Mannheim, Franklin Park, IL 60131 Tel: 312-455-6500
No Limo Service. Rates: Single, \$19.88 + tax. Double, \$24.88 + tax.

KINGS PLAZA -- 3010 N. Mannheim Rd., Franklin Park, IL 60131 Tel: 312-455-8080
Limo Service. Rates: Single, \$25.00. Double, \$30.00.

HOLIDAY INN -- Franklin Park, IL 60131. Tel: 312-678-0760
Limo Service. Rates: Single, \$52.00, Double \$56.00.

Schedule

Sat. May 5, 1984	10:00 A.M. - 3:30 P.M. 4:30 P.M. - ?	Register Entries Judging
Sunday May 6, 1984	10:00 A.M. - 12:00 P.M. 12:00 P.M. - 1:00 P.M.	Open to Public Awards Presentation Debenching

RULES COVERING THIS 75 CLASS 7 POINT SHOW

1. All entries must be registered by 3:30 P.M. Saturday, May 5, 1984.
2. Judging of entries will begin at 4:30 P.M. Saturday, May 5, 1984.
3. All entries will be judged by current IFGA Standards.
4. Lighting will be by Vita-Lite florescent.
5. Every precaution will be taken to prevent loss of fish, theft, etc., however exhibitor assumes all responsibility for loss.
6. Fish will not be removed from show until awards have been presented, at which time a member of GAIC will remove fish from show area and return them to the exhibitor.
7. The exhibitor must determine the class of competition in which his entry is to be exhibited. Assistance in classification will be available at the time of registration.
8. Awards will be given for first along with cards for 1st, 2nd, 3rd, and 4th places

SINGLE ENTRIES

All entries are to be exhibited in 1/2 gallon Drum bowls, 3/4 filled with water. No gravel, greens or decoration may be used. One female is optional, but will not be judged. Bowls will be available at no charge. Entry fee \$1.50.

NOVICE CLASS

Novice class is open only to those exhibitors who have never won a first place in an IFGA show. Trophys for first place.

DOUBLE ENTRIES

An entry will consist of two matched males. One female may be added but will not be judged. Entry fee \$2.50. Entries would be exhibited in 1 gallon aquariums available at site.

3 MATCHED FEMALES (BREEDER FEMALES)

Entries will be exhibited in a 2 1/2 gallon aquarium. All entries will be judged as one class. Entry fee \$3.50

5 MATCHED MALES (BREEDER MALES)

Entries will be exhibited in a 2 1/2 gallon aquarium. Two females may be added but will not be judged. All entries will be judged as one class. Entry fee \$3.50.

SHIPPED ENTRIES

All entries mailed must be received by Friday, May 4, 1984, by noon. It would be appreciated that prior notification on all shipments be given.

Entries may be shipped AIR MAIL SPECIAL DELIVERY TO: Chester Miarka, 5310 S. Campbell, Chicago, IL 60632, 312-476-6826.

Entries may be shipped AIR FREIGHT TO: Ted Lobello, 50 Derby Ln., Orland Park, IL 60462. 312-349-9326 (Home) 312-789-7860 (work)
Please mark all packages CALL ON ARRIVAL.

G.A.I.C. RULES....

Rules prepared for the following "Special Class" are intended to allow the showing attractive fish which may not be competitive under the current Judging Standards. The intent is to encourage the development of color and finnage. There is no intent to confuse the judging of recognized or sanctioned classes. Therefore, for the purposes of judging the recognized class, no

disqualifications from the recognized classes should occur due to the addition of special class.

Light Bodied AOC: This class has the single requirement that entries are not grey bodied. The go - no go decision on disqualification will be based on the color of the brain cell viewed from above the fish. Grey bodied fish have a dark brain cell. (Blackish) Light bodied fish have a transparent brain cell with the region taking on a light color range among clear, white, yellow, pink, or flesh color depending on the color of the fish and the blood and tissues around the brain cavity. Any light bodied fish can be entered in this Special Class (even if there is arecognized regular class.)

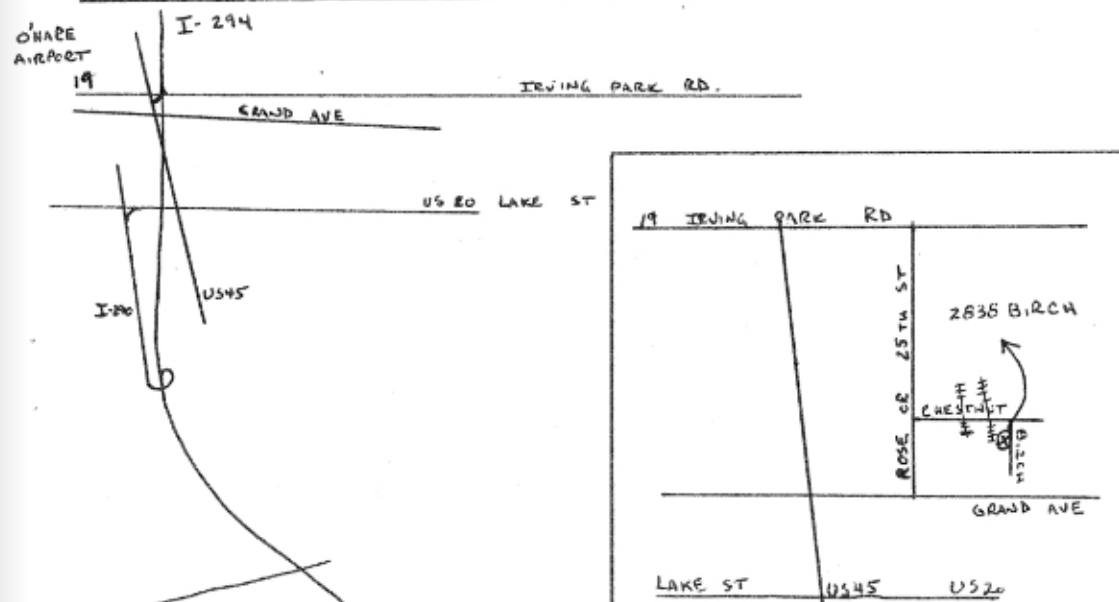
Examples:

Description of fish	Regular Class	Lt. Body AOC
Gold Body Sword	Sword	Yes
Albino	Albino	Yes
Half Black Gold Red	Half Black Red	Yes
Gold Body Snakeskin	Snakeskin	Yes
Gold	Gold	Yes
Silver	AOC	Yes
Creme	AOC	Yes
Blond	AOC	Yes
Yellow (Lt. body)	Yellow	Yes
Yellow (grey body)	Yellow	No
Red Golds (over 51% gold)	Gold	Yes
Red Golds (less than 51% gold)	Red	Yes
Red (grey body)	Red	No

Judging will be (after all grey bodied fish are disqualified) based on the approved IFGA point system as with all regular classes. Judging this class will be similar to judging Best In Show.

Points will ^{NOT} be counted toward the AOC Class.

This class will be included in the Best In Show judging.



CLASSES 75 CLASS & POINT SHOW

DELTA & VEIL

Red
Blue
Green
Purple
Black
Multi
H/B Red
H/B Blue
H/B Pastel
H/B AOC
AOC
Red Bicolor
B/G Bicolor
AOC Bicolor
Bronze
Albino

DELTA & VEIL COMBINED

Gold
Yellow
Novice
H/B Yellow
Snakeskin Solid
Snakeskin Varigated
Light Body AOC

SINGLES

Single Sword
Double Sword

TANKS

Red
Blue
Green
Purple
Black
Multi
H/B Red
H/B Blue
H/B Pastel
H/B AOC
AOC
Red Bicolor
B/G Bicolor
AOC Bicolor
Bronze
Albino
Yellow
Snakeskin Solid
Snakeskin Varigated
Gold
Single Sword
Double Sword
Novice
H/B Yellow

Breeder Males

All colors combined

Breeder Females

All colors combined

FEMALES

Red
Blue/Green
H/B Red
H/B AOC
AOC
GOLD
Black
Novice

REPORT ON BREEDING TECHNIQUES OF THE GUPPY PART 2 - H/B REDS

compiled by Maumee Valley
Guppy Association
(Not for reprint without
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction.

This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes.

For this issue we will report on the Half Black Reds. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Ken Klimpel - East Coast Guppy Assoc. Stan Shubel - Michigan Guppy Breeders
Everett Gold - Gateway Guppy Assoc. Astrid Young - Austrian Guppy Club
Jim McCarty - Maumee Valley Guppy Harold Armitage - Maumee Valley Guppy
Jamey Magnifico - Maumee Valley Guppy

Question 1 - Half Black Red strains represented and their source.

1. Ken Klimpel - A. line is my line. My H/B Red is combination of Shubel and Singapore female. A. line to this female.
2. Jim McCarty - From a Canadian line. Gray bodied.
3. Stan Shubel - From inbred line 1957. I developed in 1960's by backcrossing.
4. Everett Gold - Not known, acquired from a friend.
5. Astrid Young - A show fish male and red(grey). female 8 years ago. Two years later a cross.
6. Harold Armitage - Male was from Jim Woodruff; Female from Bob Thornton's male.
7. Jamey Magnifico - Two lines: (1) H/B Red male from Hong Kong to Red female then bred 8 generations. (2) Jim McCarty line.

****The H/B Red line is very popular. Many breeders are attracted to it because it is so colorful. The females seem to be larger and are colorful. It breeds true and is very rewarding. Two of the above lines are related. Line 1 & 3.

FEATURES OF THE STRAINS AS COMPARED TO AVERAGE:

Strains	1	2	3	4	5	6	7
Size	Aver.	Aver.	Show	Good	Small	Larger	Aver.
Tail Width	Aver.	Good	Delta	Large	Wider	Larger	Larger
Dorsal	long	long	good	long	larger	wide	small
Rate of Growth	6 mo.	slow	slow	rapid	faster	slow	slow
Rate Maturity	--	slow	slow	early	earlier	slow	slow
Fertility	good	good	good	not	good	lost	fair
				good			
Cannibalism	none	little	none	little	none	less	yes
Susceptibility to Disease	some	less	good	females	less	tail	rot
	tail					rot	
	split.						

- *1. Kept two lines for breeding. Best results line breeding. Excellent color.
*4. Fertility according to which strain is bred. Some of the colored strains are more prolific.
*7. Color is very good.

PART 2 - H/B REDS.....

****The H/B Reds seem to have average size bodies with large delta tails. The dorsals are long. Three breeders report that their lines mature slow and the other three are faster. On the whole the fertility seems to be good with little cannibalism. The only susceptibility to disease seems to be tail splitting and tail rot which we all are familiar with.

BREEDING TRUE:

Strain	1	2	3	4	5	6	7
Time Kept Pure	18 mo	2 yrs	20 yrs	7 yrs	3 yrs	No	3 yrs.
Siblings	--	uniform	--	--	50/50	No	3 yrs.
% Desired Color	80%	90%	95%	50%	45% *	75%	75%
% With Impurities	20%	10%	5%	50%	5% *	25%	10%
% Different Color				10/15%			15%

*5. Out of the 50% that were males 45% have desired color. Out of the 50% of males 5% had impurities.

**** Looking at the above chart the % of desired color is quite high. Two of the breeders have had their strains for an extended period. The H/B Reds breed very true with a small amount of impurities. Breeder #6 lost his line after 6 generations because he did not outcross it with anything, so he lost size and fertility.

METHOD OF BREEDING TO MAINTAIN THE COLOR:

Strain	1	2	3	4	5	6	7
Inbreeding:							
Sibling cross	*	yes	--	yes	yes	yes	yes
Father to Daughter	no	no	--	--	some times	--	--
Mother to Son	no	no	--	--	--	--	--
Line Breeding:							
# of lines	*	2	2	3	*	1	*
Crossed after No. Generations	--	4	4-6	3-4	5-6	no	*

*1. Two lines kept. A & B. B males to A females. Sibling cross only to maintain two lines.

*5. One grey and one blond.

*7. Two matings each time. Crossed every other generation.

****Inbreeding and line breeding is the practice of the above breeders. It eliminates the undesired colors and sets the desired colors. Breeder #6 did not cross.

EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC.:

Strain	1	2	3	4	5	6	7
Foods	--	none	--	*	--	Variety	--
Chemicals	none	none	--	--	--	--	--
Trace Elements	none	none	--	*	--	--	--
pH of water	6.8	7+	7.3	*	--	hard	*
Comments	*				*		*

*1. I change water weekly to 4 months after that very little.

*4. I use color food for darker color. My fish look better in acid water.

*5. Not practiced in Austria by breeders in our club.

*7. Need frequent water changes. Also need dark tanks or half-black washes out.

PART 2 - H/B REDS.....

METHOD OF BREEDING SHOW FISH FROM THIS STRAIN:

Strain	1	2	3	4	5	6	7
Same method as for maintaining the strain	--	yes	yes	yes	--	yes	yes
Controlled hybrids	yes	no	--	some times	--	--	--
Pure strains	2	yes	--	yes	yes	--	--
Always the same 2 strains	mostly	yes	--	yes	yes	--	--

OUTCROSSING - THE EFFECTS ON COLOR:

Strain	1	2	3	4	5	6	7
Blue	--	no	--	--	--	--	*
Green	--	no	--	--	--	--	*
Red	*	*	good	*	*	--	*
Multi	--	no	--	--	--	--	*
Snakeskin	*	no	--	--	*	--	*
Other	--	--	--	--	--	--	*

*1. (a) Red no good, mostly dark with black

(b) Snakeskin males to females, good half black AOC.

*2. My females carry the H/B. If I use red female I don't get H/B reds.

*4. To take some of black out of finnage.

*5. (a) Half black red is very dominant after 2-3 generations.

(b) Snakeskins this color would be back again pure.

*7. Original stock the half black was carried by the male only - now the half black is on both.

****The only crosses made were with the reds and snakeskins. It looked like crosses with snakeskins were successful with breeder #1 and #5.

Question 8: If all of the strain were lost except for one lone male - what would you consider to be the best outcross to make to preserve the color?

- To any large half black red female with clean red color in tail - no black spots.
- To half black red female if available. Next red female and backcross her young.
-
- Red female.
- I would cross the male with a delta tail female, which should be red. If the ground color of the male was grey I would cross with a blond female, if the male was blond I would cross with grey female.
- Back to red female.
- Good red females.

Question 9: Goals - Picking breeders and fry expectations.

- To increase size.
- To keep black back of dorsal and to get good size. Also to keep dorsal red and not pinkish or white.
-
- To get good colored finnage consistently without any spotting.
- To keep the good red color and to strengthen the black color of the body.
- To be Guppy Man of the Year.
- Get good half blacks with no red in body, bright red tail and no gold genes.

PART 2 - H/B REDS.....

SELECTING BREEDERS - FEMALES:

Strain	1	2	3	4	5	6	7
C/R Ratio	X	--	--	Good Bal	X	2-1	--
Body size	X	large	--	large	X	lg. full	medium
Body shape	--	good	X	stubby	X	stocky	stocky
Body color	X	--	--	Black	X	50% BL	Black
Caudal size	--	--	--	Large	--	large	large
Caudal shape	--	--	X	Delta	X	wide	box
Caudal color	X	*	X	clear	X	red	red-blue
Dorsal size	--	--	--	large	X	large	large
Dorsal shape	--	--	X	*	X	parall-	same
Dorsal color	--	--	--	yes	X	ogram	blue-red
Other	--	--	--	--	--	red	active

*2. Best breeder is clear or blue caudal. My line throws some red tailed females that are beautiful.

***All breeders above agree that the caudal color in the females is very important. Body shape, size and color is also important.

SELECTING BREEDERS - MALES:

Strain	1	2	3	4	5	6	7
C/R Ratio	--	--	--	same	--	1-1	--
Body size	--	large	X	large	X	largest	large
Body shape	--	yes	X	smooth	X	stocky	*
Body color	--	Blk.	X	Blk.	X	Blk.	Blk.
Caudal size	X	large	X	delta	X	large	large
Caudal shape	X	delta	X	delta	X	Delta	Delta
Caudal color	X	red	X	clear	X	red	red
Dorsal size	X	yes	X	5/16"ht.	X	large	*
Dorsal shape	--	yes	X	Parall.	X	Parall.	--
Dorsal color	X	red	X	match	X	red	red
Other	--	--	--	*	--	active	--

*4. When selecting breeders the hobbyist must sometimes try as soon as possible to determine which kind of females will give him the best results. Whether the strain he is working with has females that have round, delta, or shark tails he has to breed them all to find which give best results. Sometimes good results with a clear or partially colored caudal - other strains give best results when the male is mated to a female with specific kinds of spots. The male guppy shows more of the traits which he passes on to the young but the female must be watched more closely in my opinion.

*7. Body shape - Thick peduncle (1" long). Dorsal size - medium parallelogram.

***In breeding of the males, caudal size, shape, color were unanimous. Dorsal size, shape and color were also important. Because you can see the desired traits of the male these guidelines are easier with the males than the females.

BREEDING AGES, SIZES OF LITTERS, RATIO OF MALES TO FEMALES:

Strain	1	2	3	4	5	6	7
Age bred M	5 mo.	6 mon.	4-6 mo.	3 mo.	3-4 mo.	4-5 mo.	3-5 mo.
Age bred F	3 mo.	3-5 mo.	4-6 mo.	1½-2 mo.	3-4 mo.	4-5 mo.	2-4 mo.
Aver. litter size	35-40	30-40	30-60	20-40	80	25	15-20
Ratio M/F	50/50	50/50	50/50	50/50	50/50	50/50	50/50

PART 2 - H/B REDS.....

***It might be noted that breeder *4 earlier stated that his line matured early, he breeds his females at 1½-2 months of age and his males at three months. That is earlier than the other breeders. The average age of breeding the females is 3-4 months and the males 4-6 months.

GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES:

Strains	1	2	3	4	5	6	7
Body size	F	F	both	both	both	both	--
Body shape	--	both	both	both	both	both	--
Dorsal size	M	M	M	M	both	both	--
Dorsal shape	M	M	M	F	both	M	--
Dorsal color	M	M	M	M	both	M	--
Caudal size	F	both	both	F	both	both	--
Caudal width	F	F	F	F	both	both	--
Caudal color	M	both	M	M	both	M	--

***Most breeders are agreed that body shape is carried by both male and female. Most feel that the dorsals are carried by the male and the caudal size and width by the female. Caudal color 4 to 2 for the male.

Question 13 - Special problems with this strain.

1. More susceptible to tail rot and tail splits.
2. Keeping black back of the dorsal.
3. ---
4. Infertility and small litters.
5. ---
6. Bad caudal colors.
7. None

FAVORED ENVIRONMENTS FOR KEEPING THIS STRAIN:

Strain	1	2	3	4	5	6	7
Salt	some	some	--	*	for	X	*
Spec. diet	*	varied	--	*	illness	--	--
Spec. Environ	--	none	--	*	live plants	X	--
Tank size	5-30	5/10/20	15 gal.	20 gal.	20-30	10 gal.	*

*1. Four types of dry food and brine shrimp.

*4. (a) One tsp. per gallon per month.

(b) Some home prepared foods.

(c) Warm for quick growth, cool to hold.

*5. Brine shrimp, tetra min, beef heart.

*6. Females keep in 10 gallon tanks.

*7. Two Tablespoons per 5 gallon. Tanks size vary 2½ gallon - 1st month, 10 gallon after, 24 gallon older males.

***Most use a little salt and a varied diet.

COMMENTS:

- *1. Most important was to match color of dorsal to caudal with same intensity of color. Size will come later.

PART 2 - H/B REDS.....
COMMENTS (cont.)

- *2. Some females in this line have large beautiful bright red caudals. Nicer than some males of other lines.
*6. Due to being hybrids was only able to breed for 6 generations and lost the line from infertility.

***Considering that ten years ago Half Blacks were all lumped together, this strain has come a long way. Today the Half Blacks fall into 5 categories in the IFGA shows. Breeders have perfected their individual colors and the classes are breeding true as this report shows.

Editor's Note: In this and forth coming reports the conclusions/comments of MVGA that appear after each section will be designated by ****.

SHOW SCHEDULE 1984

CLUB	SHOW DATE	CLASSES DUE
Maumee Valley Guppy Association	April 7-8	
Pan Pacific Guppy Association	April 21-23	
Guppy Associates International Chicago	May 5-6	
Canadian Guppy Club	May 19-20	February 19
Big Apple Guppy Club	June 2-3	March 2
South Jersey Guppy Group	June 23-24	March 23
Guppy Associates of Milwaukee	July 21-22	April 21
Buckeye Fancy Guppy Club	August 4-5	May 4
East Coast Guppy Association	August 25-26	May 25
Gateway Guppy Association	November 2-3-4	August 2

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association.
Meetings: South Jersey Guppy Group and Gateway Guppy Association.

A BREEDING AND SHOWING TIME TABLE

by Stephen Kwartler
Big Apple Guppy Club

This chart can be a handy guide to use in producing a good harvest of fish in time for the show season and can be used as I do year round.

Assuming good quality guppies are used these monthly steps can vary but the breeding time table should be followed closely because it will result in fish ready at the right time for the shows. The monthly reminders are useful to form your routine and guarantee healthy guppies. Keep accurate records of your fish.

One last thing - picking show fish becomes easier once you learn the discipline of ruthless culling and water and filter changes. Only keep the best - dump the rest!! Keep females virgin until needed. This system has worked well for me. So Good Luck. See you at the shows!

A BREEDING AND SHOWING TIME TABLE.....

BREEDING & SHOW SCHEDULE

START OFF NEW YEAR CHANGING 20% WATER BI-WEEKLY	INCREASE WATER CHANGES TO WEEKLY	STAGGERD FILTER AND WATER CHANGES NEVER BOTH THE SAME DAY
① JAN ①	② FEB ②	③ MAR ③
SEXING & CULLING ALWAYS, FEED VARIED FOODS BRINE SHRIMP OFTEN	FEED YOUNG FISH PLENTY. RUTHLESS CULLING.	FULL VARIED DIET. DISCARD OLD FOOD. CULL.
SHOW SEASON BEGINS. FUTURE BREEDERS NOTICED.	THOSE YOUNGER FISH TOO YOUNG TO SHOW WILL BE NEXT BREEDERS.	WATER & FILTER CHANGES.
④ APRIL ④	⑤ MAY ⑤	⑥ JUNE ⑥
PICK FISH TO SHOW. DISCARD OLD FISH. BABY BRINE.	CLEAN TANKS - NO. #1 CHORE	SET UP FIRST BREEDERS DURING LAST WEEK.
THIS MONTH SET UP MORE BREEDERS.	TRY TO GO ON VACATION!!!	CLEAN MORE TANKS. CHANGE WATER - MAKE ROOM FOR MORE YOUNG.
⑦ JULY ⑦	⑧ AUG ⑧	⑨ SEPT ⑨
DISCARD UNNECESSARY FISH. CHANGE WATER.	START MAKING ROOM FOR YOUNG.	BABY BRINE. SELECT A FEW MORE BREEDERS. CULL.
REMEMBER - RUTHLESS CULLING RESULTS IN WINNING.	CAN SELECT FEW MORE BREEDERS AFTER ANNUAL.	HAVE A HAPPY HOLIDAY!
⑩ OCT ⑩	⑪ NOV ⑪	⑫ DEC ⑫
WATER & FILTER CHANGES. CLEAN TANKS	CULL - DESTROY ALL OLD FISH. BABY BRINE.	CULL, CHANGE WATER - FILTERS. BABY BRINE.

AWARDS SPONSORSHIP

from Bill Orth

The following chart is a list of classes to be sponsored and also a list of those who have paid their sponsorship. If anyone would like to sponsor one of the 4 classes left, please contact me and send your payment to Ted Lobello. Also, if there is any problems or discrepancies with this list please inform me as soon as possible. Thank you and see you at the shows.

CLASS	SPONSOR	PAID
Red	Harold Moffan	---
Blue	East Coast Guppy Association	Paid
Green	T & P Allen	Paid
Black	----	---
Multi	Big Apple Guppy Group	Paid
AOC	Greater Virginia Guppy Group	---
Yellow	Pan Pacific Guppy Association	---
Purple	Northern Indiana Fancy Guppy Assoc.	---
Red Bicolor	----	---
B/G Bicolor	Gene & Vi Golimowski	Paid
AOC Bicolor	South Jersey Guppy Group	Paid
Gold	Guppy Associates International Chicago	Paid
Albino	----	---
Bronze	Columbus Ohio Guppy Specialists	Paid
Snakeskin	Greater Delaware Valley	Paid
Swordtail	Sue Hull	Paid
H/B Blue	Florida International Guppy Assoc	---
H/B Red	East Coast Guppy Association	Paid
H/B Pastel	Gateway Guppy Association	Paid
H/B Yellow	Jim Thale	Paid
H/B AOC	Heartland Guppy Club	Paid
Red Female	Maumee Valley Guppy Association	Paid
Bl/Gr. Female	Fancy Finney Friends	---
Black Female	Canadian Guppy Club	Paid
AOC Female	----	---
H/B Female	Roy Wellman	---
Gold Female	Guppy Associates International Chicago	Paid
Breeder Female	Guppy Associates Greater Cleveland	---
Breeder Male	Midwest Guppy Club	---

STARTING ALL OVER AGAIN

By James Coleman, Jr.
(The only Guppy Nut in D.C.)

As a D.C. Policeman, D.J., record producer and a nut, working with my guppies is kind of hard with my work load, but it is fun to do. My first strain of albinos came from Mags Guppy Hatchery in 1969 and the second strain of snakeskin and red albinos came from Midge Hill in 1970. A year after Midge lost a large amount of her fish from the summer heat while on vacation. I shipped her five trios of each strain, she was proud of what I had done with the fish. Months later she had called and almost demanded that I show my fish but it was too late. I had moved to a small apartment and sold everything.

In 1982 I came upon some old notes and a few Guppy Roundtables, so I called Glen Parrish and Midge Hill - both were out of the fish business. Vic Piteo gave me Frank Chang's number and I acquired two strains from him. Frank's fish were good fish, but couldn't compare with Midge's. After a few crossings the strain to

STARTING ALL OVER AGAIN.....

me were the best I've ever seen. Frank also demanded that I show my fish like Midge Hill had, so what the hell - I entered the Heartland Show and did good. I came in third place in the Albino class because of lost fish in shipping and tail disease.

After the show season I was forced by gun point and a Pope to move all 25 tanks out of the dining room to the bedroom by my little wife and four children. So now I'm working with twelve tanks and it's hard. I have a thing called control population which means a normal female drops 35 to 75 young at two months. The brood might contain 1/2 or more young females. Only three to six females are picked and the rest given away or dumped. The reason for this is lack of space and I hate keeping something that I'm not going to use. I think that I cull my males harder than any other breeder because of limited space. Newborns are fed baby brine shrimp for two weeks; three weeks to three months are fed black worms, baby brine and a combination of dry foods (8 to 10 times a day). Sometimes they see me coming and say - No, no more please. I can show my fish at 3 1/2 to 6 months - after 6 months the fish might blow up. So I want to thank Vic, Frank, Midge, Jerry Horton and the IFGA for letting me be a part of the nut house.

P. S. If anyone wants to talk about red eyes - Call: (202) 398-3380

WHAT'S FOR SUPPER?

Subject: Paste Foods (Vegetable)

from John Mackey
Michigan Guppy Breeders

Quite a few years back I used to raise mollies, platies, swords, cichlids and guppies. While researching what was the best food for each variety I keep coming across the phrase "need vegetable material in their diet such as green algae or live plants to nibble on". Not having either except plastic I decided to try and make a vegetable paste food. The two formulas I tried were as follows:

- | | |
|---------------------------|---------------------------|
| 1. | 2. |
| 1 Sweet Potato | 1 Carrot |
| 2 Spinach | 2 Spinach |
| 1/2 cup Geritol liquid | 1/2 cup Cod liver oil |
| 1 Tablespoon salt | 1 Tablespoon salt |
| 2 whole raw eggs | 2 whole raw eggs |
| 2 Knox unflavored gelatin | 2 Knox unflavored gelatin |

All the above are jars of baby food unless otherwise stated.

I then mixed all the ingredients in a blender and thoroughly mixed. After which it was placed in plastic bags, flattened and placed in the freezer. To feed just open bag, shave off a piece and cut up into bit size pieces. The fish would peck at the pieces but never seemed to finish all the food. What was left would dissolve into a blob on the bottom after a short period of time. If feed for any length of time, it would slowly pollute the tank.

All the liver and Beef heart paste food recipes that I read about all had as one ingredient some type of cereal. I then added 3 cups of hi-protein baby cereal and 2 cups of water to the above vegetable pastes. The small pieces that the fish didn't eat right away did not dissolve and remained solid the rest of the day for the fish to peck at. The cereal gave the paste food body and held together much better. A vegetable paste food can be made out of any vegetable you want - your personal preference.

from Warren Burke
Big Apple Guppy Group

Items needed: 1) Blender, 2) raw carrots, 3) unflavored gelatin, 4) fish roe, 5) a box of frozen peas, 6) small amount of beef liver, 7) spirulina flakes, 8) conditioned green flake vegetable and 9) plastic bags.

Grate the raw carrots and place in the blender with fish roe, spirulina flakes, conditioned green flake food and gelatin. Add water from the tap, only enough to moisten the dry matter. Start on low speed for a few seconds then increase to a normal speed for a few seconds more. Turn blender off and let stand for a few minutes. Now put the mixture in small plastic bags. Use only a small amount in each bag - pressing it down until it is firm. Make sure you do not let it stand longer than a few minutes. Place in freezer. Feed this paste using only the amount that your fish will eat in 15 minutes and never refreeze the paste mixture. You are better off throwing away the remains in the small plastic bag than to be sorry later on. This is very hi-protein paste food.

from Bryan Timmerman
Corresponding Member - Iowa

Paste foods are a very good source of food for guppies and other fish as well. I have used home-made paste foods ever since I started raising Cory's and now I feed them to all of my guppies. Young guppies and other young fish need a steady source of food for good and rapid growth. But to most of us who have to work 8 hours a day providing them food every 2 hours can be impossible. If you use salt in your tanks you can give them a heavy feeding of baby brine shrimp in the morning and they will live for a good portion of the day, allowing your guppies to go on eating while you are away. But as you all know a guppy needs a balanced diet for good health and growth and this is where a paste food comes in handy.

In my area "Iowa", there are not any ready made paste foods for sale in any of the shops and not being one to do a lot of business through the mail I started to make my own. I have used several different formulas, but my favorite one is as follows:

- 1 pound fresh beef liver
- 20 Tablespoons of pabulum
- 1/2 teaspoon of canning salt
- 1/2 cup dry shredded shrimp
- 1 2oz. can phyto-plankton flakes
- 1 2oz. can tetra conditioning flakes

This is my version of the old time favorite "Gordon's Formula". The only things changed are as follows: 1/2 teaspoon canning salt in place of 2 teaspoons of table salt. The shredded shrimp - the original does not call for any and the plankton and conditioning flakes to balance out the animal protein with some vegetable matter.

You will need a blender for making this paste. What we do now is skin the liver of all connective tissue covering, the large blood vessels and all other tough material. Then cut into small cubes and place 4 ounces each of cubed liver and water into the blender and beat until they are liquid. The liquid liver solution is then strained into a bowl. Repeat until all the liver has been liquidized and strained. Add your salt and stir well. Now take your plankton flakes and the tetra conditioning flakes and smash them with your hand until they are small enough for 2 week old fry to eat. Add your pabulum, crushed flakes and shredded shrimp to the liver solution and stir until a thick peanut butter like consistency is obtained.

Take the paste and put it into a canning jar. Place this jar into a pot of water, heat to boiling and then set the timer for 5 minutes after it has started to boil. After the 5 minutes - turn off the heat and let the jar set in the hot water for 45 minutes. Then take the jar out of the hot water and allow it to cool at room temperature. After it has cooled, take the paste out with a spoon and place it in sandwich bags - the amount needed for one day's feeding, seal with a tie and place in your freezer.

You can feed this to your fish once in the morning after a normal dry food and baby brine shrimp feeding and allow them to pick at it all day while you are working. At night if there is any left "There never is in my tanks what with all the young guppies and cory's" - remove it and throw it away. I hope this recipe can help someone.

Microworms

from John Mackey
Michigan Guppy Breeders

After going through the Jan/Feb. bulletin, I was surprised that there were only two articles on microworms. I figured with all the guppy breeders out there, most everyone at one time or another experimented with microworms. It is amazing that we breeders can talk about every aspect of breeding good guppies but when it comes to writing about them, we all climb into the same shell!! Even though I'm a month late, I would like to submit an article on microworms.

First off, I would like to try and explain where I get my information. It was about fifteen years ago that I subscribed to my first newsletter on tropical fish. Wanting to learn and know as much about this wonderful hobby as possible, I saved every book, magazine, bulletin or letter that I could get my hands on. I had one heck of an impressive collection until my wife decided I was over doing it. I had books, magazines, etc. on, in and around everything in our house. It was either throw out my valuable collection or my wife. (Ha! Ha! She'd shoot me if she knew what went through my mind). What I did was type out some of the important facts out of each article, then pitch the magazine or bulletins (except my IECA's). So now I have a three ring binder full of re-typed articles. I never did type who wrote the article or what bulletin, etc. it came from so most articles that I'll write are a combination of my ideas and the reprints with no idea who to give credit to on the reprints. I'm sure who ever the authors are would not mind because each one is of great benefit to the tropical fish hobby.

Microworms are one of nature's easiest live foods to raise. Microworms (Panagrolaiminae) are actually tiny nematodes originally discovered in beer vats. (How many are ready to switch to brandy and water now!) The three basic ingredients needed to raise microworms are as follows:

1. Liquid - Some people use beer but most use water.
2. Yeast - Yes and No. Some aquarist use yeast and some don't. It's your own preference, but they seem to do better with some yeast.
3. Cereal - Yellow cornmeal, pabulum, oatmeal, cream of wheat, or any hi-protein baby cereal - all work well. Baby cereals seem to work the quickest and oatmeal last the longest. The best idea is to use whatever you have on hand.

WHAT'S FOR SUPPER?

One of each of these ingredients go into some type of container like any of the various sizes of tupper ware containers available or all those little margarine tubs available from the super markets or the best one I've found is the plastic shoe box. The container type makes very little difference as long as it's covered. Uncovered containers dry out and worms won't crawl up the sides unless the air around them is moist.

A quarter to a half inch of cereal is placed on the bottom of a container in which sufficient water is added to make a gooey mess. Take one package of yeast and sprinkle the contents over the entire surface and stir in some microworms from a culture you have or obtained. Cover the container and the worms will be up the sides in three days to a week, depending on your room temperature. Once the worms start climbing up the sides of your container just scrape them off the sides with a cotton Q tip or popsicle stick or spoon or knife or if you're not squirmish just use your finger. Always start a new culture before the old one dies off and feed your culture as often as possible. Remember any culture left unattended for a period of time dies and decays, producing a very foul odor, so be prepared when taking the cover off the contaminated container.

Next Month's What's For Supper: GRINDL WORMS

QUESTIONS & ANSWERS

February's Question of the Month - Heating systems in the fish room.

Answer

from Astrid Young
Austrian Guppy Association

Warm tanks represent no major problems here in Europe. The common solution of the heating problem seems to be the simplest - feedback with the home atmosphere. Most tanks are located in the heart of the flat, in living and sleeping rooms. Sometimes even the children's room is "decorated", although without advantage for the children. Like a paludarium our guppy tanks become an important piece of furniture. A built-in cupboard with guppy tanks is some kind of trend and each breeder's pride. Luxury wood and our guppy. What a delightful combination. Also saving energy and other costs.

I myself do not need any heating for my guppies! Put your tanks in your breakfast corner as I did. My fish have their firm place in my kitchen, resulting in nothing else but advantages for us and them. The waste heat of my cooking and cooling units together with that of the tank's lighting system saves any heating. Whenever a member of the family cooks or eats, my guppies are fed and watched - 14 hours a day. No TV in the kitchen!! Guppies are much more colorful, more vital and, at last, more delighting to us. Only in the summer slight problems arise from time to time. The high sun position creates 30 degrees C in the shadow and in the tanks, too. My guppies do not agree with the higher temperatures, lasting for long terms. The only solution to this is to replace water in short intervals. Except for this my guppies work without troubles and they even become European Champions. Guppy breeding in the smallest place is practical and economical. I do not envy breeders in the hobby with fish rooms and garages. How do they heat?

QUESTIONS & ANSWERS.....

Answer

from Warren Burke
Big Apple Guppy Group

Most of us first start out by using inside heaters like the supreme type of heater. That is fine when you accommodate a few tanks, but when you get into the large scale and have over 80 tanks you look for a better and cheaper way. I find the best heating system for a large number of tanks is the Reznor gas fired unit heater. At first you may say - What, you must be nuts to spend that kind of money! After several cold months it pays for itself. The unit I have runs \$500.00 new, but when you think of the money you save in the long run. Think how you over heat your apartment to satisfy your guppies in your basement - this way you do not have to heat all of the rooms in your apartment and drive your family out of the house. This unit is thermostatically controlled for your basement in your fish room. The unit 175"BTU will accommodate a basement area of 45 ft x 30 ft and larger. This unit has an electric fan flow plus a flue that goes to your chimney. Other features are: 1) automatic pilot light adjustment, 2) blower speed adjustment, 3) duct connections, 4) heating thermostat, 5) suspension from the ceiling with two rods about 2 ft. from ceiling.

March's Question of the Month:

Why do females, after they have babies, refuse to eat or are not able to?
Any type of food is refused. Why?

THE 23rd INTERNATIONAL GUPPY SHOW IN VIENNA

DATE: June 10 - June 24, 1984

PLACE: The Museum of Natural History, 1010 Wien (Vienna), Burgring 7.

(Competition for the 7th European Championship 1984)

The purpose of our annual show is the Fancy Guppy with applying to the International High-Breeding Standards 1981.

RULES:

1. Please send entries to OGG-Geschäftsstelle Astrid Young, 1030 Wien, Salmgasse 13/5. Phone: 0222/73 04 762. Written reservations are possible till 1 month before delivery. It opens up optimal conditions for nominated entries.
2. No entry fees are paid by foreign exhibitors.
3. The fish should arrive in Vienna by Wednesday, June 6, 1984 by 3 PM. After this date judging will not be guaranteed.
4. The fish should be sent to:

International Österreichische Guppy-Ausstellung
% Wilhelm Gebel
Lorystrasse 54-60/2/3/11
A-1110 Wien - Aviso: 0222/74 48 765

To make customs clearance easier please state in dispatch papers:

"Show entries of no commercial value".

5. Any guppy breeder as well as breeder groups are invited to participate. The fish must be bred by exhibitor.
6. Exhibitors of our competition will score as the articles by Association of European Championship of Guppy breeders.

AUSTRIAN SHOW RULES.....

7. All groups of the competition will be unlimited announced by IHS-81:

1. Delta grey/red
 2. " " Blue-green
 3. " " multi
 4. " " 1/2 and 3/4 Black solid
 5. " " 1/2 and 3/4 Black multi
 6. " " Snakeskin, Filigran
 7. " " AOC
 8. " gold, blond, blue, albino
 9. " white, creme, silver
 10. Fantail grey
 11. " 1/2 and 3/4 Black
 12. " gold, blond, blue, albino
 13. " white, creme, silver
 14. Veiltail grey
 15. Scarftail grey
 16. Doublesword grey
 17. " " Viennese Emeralds
 18. Bottomsword grey
 19. Topsword grey
 20. Lyretail grey
 21. Swordtype Recessive Cols.
 22. Roundtail grey
 23. Coffertail grey
 24. Speartail grey
 25. Pintail grey
 26. Shorttails, recessive cols.
 27. Special Groups:
 28. Newbreedings - colour (M)
 29. " - shape (M)
 30. Females
8. Our show arrangement consists of : 10 1-plat-glass-tanks with cover, air and drinking water (possible Vesicularia dubysna). Background and basement are black. Lighting will be used in a distance of 1,20 metres, 45 degrees, oblique, ahead and above with 150 watt incandescent lamps (Philips Comptalux R40 Flood 7A).
 9. Organization and judging will be done to the Standards and Judging Rules of IHS-81. We judge fish from the same brood, matched as near as possible, according to the standard. One entry will consist of three matched males (an additional male and one female can be added) or three matched females. Special groups will receive predicates.
 10. The decisions of the Show management and the judges will be final.
 11. Each exhibitor, winning first, second, third and fourth places will receive award cards from which the placings can be seen. Awards for all other places are possible by decision of Show management. Complete lists of results are available by OGG-Geschäftsstelle Europa/Amerika.
 12. The first places in the classes 1-26 will receive a trophy if the entry has gained a minimum of 70 points. The first place of every standard will receive a trophy if the entry has gained a minimum of 75 points. The entry with the highest number of all the classes will receive the "Best of Show" trophy. If one entry should receive several prizes, only one will be awarded (sequence): Best of Show, Best of Standard, Best of Class.
 13. We will make all efforts to treat the fish carefully, shipment and exhibition of the fish are at the risk of the breeder. Show management is unable to return the fish.
 14. The exhibitors agree to the show rules and conditions of the public announcement by the benching.

We are looking forward to seeing top entries from many countries of guppy high breeding and we invite you to participate with us.

Austrian Guppy Association
Member of IKGH

Editor's Note: Please make plans now to participate in the Austrian Show. There will be more in future bulletins on shipping to this show. The Austrian Club plans to compete in two of the IFGA shows this year, so let's have a good turnout for their show.

BADER'S BLOTTER

by Ann Bader

Reminder to All IFGA Clubs: In April, Vi Golinowski and I will begin to update the two membership lists the IFGA has. Please have all members names, addresses and phone numbers (area codes included) into Vi no later than April 1st. We have many requests from new subscribers wondering how they can contact guppy breeders or where they can find a guppy club in their area. These lists may fall into the hands of a potential new member for your club - Think about this and don't be left out!!

Sarajevo and the Winter Olympics - How spectacular it was!!! The beauty of the country and the excitement of the competition brought something special into the usually dreary month of February. I'd like to pay tribute to ALL of the athletes from each country that took part in this event. In many of the events the competition was so keen and winning was by such a slim margin you couldn't help but wish they could each receive a medal. Since this bulletin travels to several areas of the world, I'd like to thank the following medal winners for giving all of us a truly great Winter Olympics in 1984:

<u>Austria</u>	<u>Britain</u>	<u>Canada</u>	<u>United States</u>	<u>West Germany</u>
Peter Angerer				Phil Mahre
Debbie Armstrong				Steve Mahre
Gaeten Boucher				Brian Orser
Kitty Carruthers				Walter Pichler
Peter Carruthers				Ernst Reiter
Christen Cooper				Hans Stangassinger
Christopher Dean				Anton Steiner
Fritz Fischer				Rosalynn Summers
Scott Hamilton				Jayne Torvill
Bill Johnson				Franz Wembacher

Rich and I watched it all - but our hearts were particularly with the men's figure skating. You see, we live about five miles from our county seat, which happens to be Bowling Green, Ohio - the home town of Scott Hamilton. There was an added dimension of joy for us in the winning of this gold medal, but we had seen Scott perform several times at the local ice shows and we knew that this was not one of his better performances. One look at his face afterwards and we realized the extreme pressure of it all - pressure from the media, the nation, his home town fans and perhaps even himself. At the skating exhibition, during the closing ceremonies, when he was skating for the sheer fun of it all - the smile and exuberance was back and he really proved why he deserved the gold!

I'd like to carry my thoughts on this over into our hobby. Often we get so caught up in our "race for the gold" that all of the pressures and sacrifices that go with it take its toll on us. By all means, keep showing those guppies, but let yourself also enjoy the other aspects of the hobby and have FUN doing it.

A PASSING THOUGHT

by Jim Thale

As you are reading this month's publication I am sure that many of you are getting ready to make that long awaited trip to Ohio. Right? I also feel confident that the few that are not gasing up their cars for the trip are biting their fingernails hoping that the postal service took good care of the entries

A PASSING THOUGHT.....

that they sent. Correct? At any rate I am going to see you or your fish once again after a long winter.

I always look forward to the first show in the spring as I am sure that many of the rest of you do. It is a time for the renewing of old friendships and the opportunity to meet new ones. It is also the type of thing that motivates me to get down there in the fish room and get my act together once again. My guess would be that many of you can find yourself in this picture as well. It's nice to know that you have plenty of company.

My thoughts on the way to the first show always seem to be about the same. Did someone come up with something new that we are going to see for the first time? Are we going to see someone make a strong run for the most coveted awards with many strains of fish? Will there be a new breeder that has been in the closet that will open the door and let us share in his hobby with him?

A few other things that are appropriate to think about now are obtaining a different line to work with for future years. The best bet would be to look at past champions and contact them in regards to trading or purchasing these fish. You can save yourself about ten dollars in postage if they will bring them to the show.

It is also a good time to check your inventory of food to see if you need to replenish some items. Should you find yourself low or out of anything I am sure if you call Tom Allen or Ted Lobello they will be more than happy to accomodate you by bringing it to the show.

This year, with the first show in Ann's back yard, you will be able to bring that article that you wrote this winter when you were suffering from cabin fever. There are many things that can be said in favor of the first show of the year - But the best is I am so happy to be seeing you again.

Two of the members of the M. V. C. A. Club will become Mr. and Mrs. on March 17th (what better day for a name like McKim) SO:

*Congratulations
Bob & Annee!
and
Happy St. Patrick's Day
to all of you.*

25.

*McKim
M.V.C.A.*

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*International
Fancy
Guppy
Association*



DATE APR 1984

Official
Publication

International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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In the next two months, we have two outlying shows scheduled - the Canadian Guppy Club show in Toronto and the Pan Pacific show in California. As always, we need all the judges and assistant judges we can get to attend these shows. Think about scheduling your vacation around one of the shows...you'll be doing the IFGA a big favor with your attendance. Besides - Canada and California are beautiful in spring...

While on the subject of judging, the original intent of the mid-year judging seminar was to offer an opportunity to outlying clubs to host this important function and allow their members to become proficient with our standards. It's unfair to the core groups (the old reliables) of judges to ask them to attend and judge all 12 shows without any form of compensation for their expenses. Unless we train new judges in these outlying clubs to help share the load, we'll either have the same convoy of people traveling to all shows or we won't be able to hold a show in an outlying area.

Once upon a time, in a far-distant land (which shall remain nameless), one of our clubs scheduled a judging forum as part of their regular monthly meeting. This forum was held over a six month period and intended to instruct their new people on the techniques of judging. It was chaired by an accredited judge who lectured, discussed, quizzed, etc. all the club members on the IFGA judging standards. They took one segment at a time with the first month devoted to the body; the second, the caudal, etc. The normal bowl show was suspended in favor of the members bringing fish which would best illustrate both good and bad points of the topic of the month. The fish were pointed, giving all members actual "hands on" experience in judging dorsal faults, weak color, good caudal shape, etc., etc., etc. Of course, there was some griping primarily from the "I know it all" types. From this, everyone in the group, oldtimer and newcomer alike, got some good instruction, albeit informal, in the fundamentals of judging guppies. Depending on how it is planned, a topical series of mini-seminars could give your organization up to 6 months worth of programs but, more importantly, give your people good insight into the techniques of judging.

I don't know whether our new cover will get on this issue or not but I would like to publically thank Charles Douma of Louisiana for the artwork and John Wolcott for the production. This work was unsolicited and quite a surprise!! The cover is beautifully and professionally done. For those of you who don't know, John is very active in bird circles (that didn't come out quite right but I think you get the drift) but has indicated he may take up fish again. There is always a spot in our organization for him whenever he resumes his hobby.

THE FIRST SHOW

by Frank Orteca
Guppy Associates of
Greater Cleveland

I'm writing this article because of the many thoughts running through my mind. The first year I was in the hobby I didn't have these thoughts, none of us do the first year in the IFGA. It's not until the 2nd or 3rd year that we all experience these feelings or thoughts. It was Jim Thale's article last month that made me realize we all must feel the same way.

In one week Maumee Valley has the honor of holding the first show of the year after our winter break. It's funny but so many changes happen over those 4 to 5 months since the Annual. Some of our old friends will be gone from the hobby,

THE FIRST SHOW.....

don't be shocked it happens every year! Some very unfamiliar strangers will get into the hobby, and even though it's hard for you to imagine right now, those new faces will be very dear "old friends" in a short time.

Some breeder we feel that has an unbeatable strain will get knocked off their throne by a brand new name! This also happens every year! An unheard of breeder comes along and dominates a class, and the questions start to fly - "Who is he or she?" "Where did they get their fish?" "How long have they been raising Guppies?" Those of you who have been around a couple of years know there's somebody out there waiting to surprise us. Another sure bet is that a name from the past will reappear in the show standings, this is always the most pleasant surprise. This is also when the false rumors start that it really isn't that person but their son or nephew or distant relative, but it always ends up to be the original. And they're usually back with DYNAMITE fish. It's as if these people drop out of the hobby for 3 to 4 years and spend that time locked in their fish rooms developing their fish.

Another very enjoyable thing about the new year is to try and guess what color class will be the most improved. Every year somebody takes a class and develops it head and shoulders above the rest. At that point all of us suddenly need that strain "just to breed into their stock, of course".

Well, to the people who won't be with us this year I give a warm and sincere farewell. To the new faces joining us I give a hardy hello and welcome. To the old faces reappearing - a big hug!! and a "where have you been" and to that greatly improved strain out there I give \$25.00 because I need them "to breed into my stock, of course"! Hope to see each and everyone of you next week in Toledo.

ADDITION TO PAN PACIFIC SHOW RULES

The Half Black Red Female has been added to the list of show classes.

The trophies awarded will be wooden plaques for all 1st places, and 1st through 4th places in Best of Show, Breeder Males and Breeder Females. All places will receive Award Cards.

SHOW SCHEDULE 1984		
CLUB	SHOW DATE	CLASSES DUE
Maumee Valley Guppy Association	April 7-8	
Pan Pacific Guppy Association	April 21-22	
Guppy Associates International Chicago	May 5-6	
Canadian Guppy Club	May 19-20	
Big Apple Guppy Club	June 2-3	
South Jersey Guppy Group	June 23-24	March 23
Guppy Associates of Milwaukee	July 21-22	April 21
Buckeye Fancy Guppy Club	August 4-5	May 4
East Coast Guppy Association	August 25-26	May 25
Gateway Guppy Association	November 2-3-4	August 2
Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association		
Meetings: South Jersey Guppy Group and Gateway Guppy Association		

CANADIAN GUPPY CLUB
I.F.G.A. SANCTIONED 7 POINT SHOW
May 18-19-20, 1984

The Canadian Guppy Club in association with the Willowdale Aquarium Society and the Canadian Association of Aquarium Club's Silver Anniversary Convention proudly presents our 1st I.F.G.A. sanctioned 7 point show and auction.

LOCATION: Holiday Inn - Toronto Airport
970 Dixon Road, Rexdale, Ontario, M9W 1J9 (Toronto)
Tel: (416) 675-7611

Facilities: Complimentary transportation to/from airport, large indoor and outdoor pools, jacuzzi, men's and women's saunas, games and exercise rooms, elegant restaurants and lounges.

For reservations: Please contact the hotel directly. For special convention rate of \$55.00 (Canadian) per night, single or double (state which), mention that you are with the C.A.O.A.C. Convention.

SCHEDULE: Friday, May 18 Registration and benching of entries from 3:00 P.M. to 10:00 P.M.
Saturday, May 19 Registration and benching of entries from 8:00 A.M. to 12:00 noon. Judging will run from 12:00 noon to 5:00 P.M. Auction begins at 11:00 A.M.
Sunday, May 20 Awards banquet and presentation of awards begins at 6:00 P.M. Debenching follows awards presentation.

Note: Early debenching (i.e. on Sunday morning) for "out-of-towners" will be permitted if requested in writing to the Show Chairman.

GENERAL RULES:

1. All entries must have been born and raised in the exhibitor's tanks.
2. All guppy entries will be judged according to I.F.G.A. rules and standards by I.F.G.A. certified judges.
3. Judges will not be permitted to judge their own fish or fish they have entered for others.
4. Assistance will be available for classification of fish at registration upon request.
5. Lighting will be overhead incandescent lights.
6. A dark plastic background will be provided. No gravel, plants, ornaments, or other paraphernalia will be permitted.
7. Auction split: Show fish auctioned - 75% to seller, 25% to host club. Auction only fish - 67% to seller, 33% to host club.
8. Auction proceeds for U.S. consignors will be converted from Canadian funds to U.S. funds. U.S. consignors who wish may request payment in Canadian funds.

AWARDS: 1. First, second, and third place entries will be awarded plaques; fourth place I.F.G.A. cards.
2. Trophies will be awarded for Best Of Show Male, Best of Show Female and Best of Show Tank.

ENTRY FEES/SHOW CONTAINERS:

SINGLE ENTRIES (single male or female) \$1.50 / Half-gallon bowl
TANK ENTRIES (2 matched males) \$2.50 / 2 1/2 gallon tanks
BREEDER ENTRIES (5 matched males/females) \$3.50 / 2 1/2 gallon tanks
NOVICE ENTRIES (single male or female) \$1.50 / Half-gallon bowl

Note: Novice class is open to individuals who have never won a first place award in an I.F.G.A. competition.

C.G.C. RULES.....

CONVENTION DETAILS: This I.F.G.A. show is being held in conjunction with a 43 class International Betta Congress show and a 45 class other species show. We have lined up several speakers including Tom Allen who will present a talk on feeding and breeding techniques. We will be having a speaker and mini-auction on Friday night, four speakers and an African Cichlid judging seminar on Saturday morning/afternoon, a dinner/dance Saturday night, a tour of tropical fish wholesaler Sunday morning, a GIANT auction Sunday afternoon and finally an awards banquet Sunday evening. All this for only \$50.00 single, \$85.00 couple. And that's in Canadian funds. Contact Andy Thornhill at (416) 676-9342 or Steve Saunders at (416) 291-7060.

CLASSES:

TANK (2 matched males)

G1 Red
G2 Blue
G3 Green
G4 Purple
G5 Black
G6 Yellow
G7 Multi
G8 Half Black Red
G9 Half Black Blue
G10 Half Black Yellow
G11 Half Black Pastel
G12 Half Black AOC
G13 Half Black Gold
G14 Red Bicolor
G15 Blue/Green Bicolor
G16 AOC Bicolor
G17 Snakeskin Solid
G18 Snakeskin Varig.
G19 AOC
G20 Gold
G21 Bronze
G22 Albino
G23 Swordtail (Single)
G24 Swordtail (Double)
G25 Novice

DELTA (Single Male)

G26 Red
G27 Blue
G28 Green
G29 Purple
G30 Black
G31 Yellow
G32 Multi
G33 Half Black Red
G34 Half Black Blue
G35 Half Black Yellow
G36 Half Black Pastel
G37 Half Black AOC
G38 Half Black Gold
G39 Red Bicolor
G40 Blue/Green Bicolor
G41 AOC Bicolor
G42 Snakeskin Solid
G43 Snakeskin Varig.
G44 AOC

VEIL (Single male)

G45 Red
G46 Blue
G47 Green
G48 Purple
G49 Black
G50 Yellow
G51 Multi
G52 Half Black Red
G53 Half Black Blue
G54 Half Black Yellow
G55 Half Black Pastel
G56 Half Black AOC
G57 Half Black Gold
G58 Red Bicolor
G59 Blue/Green Bicolor
G60 AOC Bicolor
G61 Snakeskin Solid
G62 Snakeskin Varig.
G63 AOC

DELTA/VEIL COMBINED (Single male)

G64 Gold
G65 Bronze
G66 Albino
G67 Swordtail (Single)
G68 Swordtail (Double)

FEMALE (Single)

G69 Red
G70 Blue/Green
G71 Black
G72 Gold
G73 Half Black Red
G74 Half Black AOC
G75 AOC

BREEDERS

G76 Male
G77 Female

NOVICE

G78 Male
G79 Female

SHIPPED IN ENTRIES:

1. All shipped in entries must be recieved by 3:00 P.M. Friday, May 18th.
2. Each shipment of fish must be clearly marked with the breeder's name, address and classes to be entered. Each bag of fish must state in which class it is to be entered.
3. All shipments must be prepaid. No collect shipments will be accepted.

C.G.C. RULES.....

SHIPPED IN ENTRIES(cont).

4. Return shipping charges must be included in the shipment. Fish sent without return shipping charges will be auctioned.
5. Send fish airmail, special delivery to : Dave Franco
45 Alexander Street
Lockport, New York 14094
Tel: (716) 433-4394

Dave will also accept Air Freight and Express Mail. Send to the above address and mark "PLEASE CALL ON ARRIVAL (716) 433-4394" on the box.

THE SECRET OF SECRETS

by Stephen A. Sparrow
Midwest Guppy Club

The first time I met Ann Bader, I promised her a series of articles on the guppy hobby from the beginners point of view. Later, I, in turn rationalized "Who could be interested in what this beginner has to say; he knows none of the secrets".

For the next four years, I searched for secrets. I lurked in bathrooms, tapped telephone lines, wine and dined the best breeders of the day. STILL NO SECRETS. They must have taken a vow never to utter a word of their existence.

I knew there had to be secrets. How else could Parish come up with those monsters: Guppies as thick as your index finger with those distinct body markings. John Zelk now showing Snakeskins with matching dorsals. Who told him the secret, Rich Szydluk?? I bet it was Tom!! Tom Allen told him. But Tom also shows snakes, and he wouldn't give "the secret" to an advisory.

One of these days one of them will slip and the words will roll from their lips. "The secret is at Swanee's Water Garden, third row, second tank on the left. The ultimate strain at \$1.98 per pair". The ultimate strain -- plug them into your fish and they're programmed to correct all imperfections, first generation.

I must be getting close now. Blue/Green Bi-Class is a horse race and I'm in it. If I could win the class, I will gain their confidence and the secret will belong to me also. Oh, I will keep it safe!! With the championship came no secret. And yet, ladies and gentlemen, that is the secret. The people who have succeeded at breeding exceptional fish have done so because they worked at it. They started with good stock and employed a logical, scientific, systematic breeding program. They gave their fish excellent living conditions and fed them the best available foods. They kept the best and dumped the rest.

The master breeders have always offered advice. It often comes in the form of mistakes to avoid. This, as most good advice, often fell or falls on deaf ears. The recipient is sure he is being steered away from the secret. These breeders can tell you what is good for your fish and how to provide it -- saving you a few years at the school of hard knocks.

Forget the ultimate secret!! The bottom line is work hard and listen to that word or two of advice.

BIG APPLE GUPPY GROUP PROUDLY PRESENTS THEIR 2nd. ANNUAL IFGA SANCTIONED 7 POINT GUPPY SHOW & AUCTION

LOCATION: Howard Johnson's Motor Lodge and Conference Center, Saddle Brook, N.J.

DATE: June 2 and 3

SCHEDULE: Saturday June 2

10:00 A.M. Entries Open
3:00 P.M. Entries Close
6:30 P.M. Judging
Hospitality Room Opens after judging and
closes at 1 A.M. by request of the motel.
9-11 A.M. Open to the Public
11:00 A.M. Awards
11:30 A.M. Auction
12:00 P.M. Debenching following auction.

Sunday June 3

MOTEL RESERVATIONS: Call Steve Kwartler at (212) 829-6506 before May 22. Single and double rates \$42.00. Motel has heated pool. Live entertainment.

RULES:

1. All entries must be born and raised by the exhibitor in the exhibitors tanks.
2. Entries will be judged visually by the judging team in accordance with current IFGA standards. The decision of the judges will be final.
3. Overhead frontal fluorescent lighting will be used with a black background.
4. The Novice Classes are open to anyone who has never won a first place in an IFGA sanctioned show.
5. Exhibitors will determine the classification of their entries. If in doubt, a special Unclassified Entry will be allowed, which will be classified by a special team of IFGA judges prior to official judging. This in no way will guarantee the entry protection from disqualification, since colors change, etc, can occur after classification.
6. Under no circumstances will any committee member planning to participate in judging offer the exhibitor any individual advice on classification.
7. Single entries will be exhibited in 2 qt. drum bowls. Tank and breeder entries will be exhibited in 2 Gal. tanks.
8. No entries will be removed from the show until 12 P.M. on the 3rd. At that time no one will remove entries except the show committee people. Out of town exhibitors will receive their entries first.
9. No gravel, plants, decorations, bowl markings, or colored water will be allowed. Failure to observe this rule will result in the entries not being accepted.
10. No entry fees will be returned.
11. Neither the Big Apple Guppy Group nor the management of Howard Johnson's Lodge assume any responsibility for the loss or damage to any entry, although every precaution will be taken to prevent such losses.

AIRMAIL SPECIAL DELIVERY: Will be accepted by Warren Burke, 107-34 116th St.
Richmond Hill, N.Y. 11419. Entries must be received
by Friday afternoon, June 1st.

AIR FREIGHT: Will be accepted by Steve Kwartler, no later than 5 P.M. Friday,
June 1st, at La Guardia Airport only. (212) 829-6506.

B.A.G.G. RULES.....

79 CLASSES

TANK

Red
Blue
Green
Purple
Black
Multi
Yellow
H/B Red
H/B Pastel
H/B Blue
H/B AOC
H/B Gold
H/B Yellow
Any other shape
Blue/Green Bicolor
AOC Bicolor
Bronze
Albino
AOC
Swordtail
Snakeskin Varig.
Snakeskin Solid
Gold
 $\frac{1}{2}$ Pink Bodied
Red Bicolor

DELTA

Red
Blue
Green
Purple
Black
Multi
Yellow
H/B Red
H/B Pastel
H/B Blue
H/B AOC
Blue/Green Bicolor
Red Bicolor
AOC Bicolor
Snakeskin Varig.
Snakeskin Solid

ALL VEIL CLASSES

SAME AS DELTA

DELTA/VEIL COMBINED

H/B Gold
Bronze
Gold
Albino
H/B Yellow
Any other shape
 $\frac{1}{2}$ Pink bodied

MISCELLANEOUS

Swordtail

FEMALE

Red
Blue/Green
H/B Red
H/B AOC
AOC
Gold
Black

NOVICE

Male
Female
Tank

BREEDERS

Breeder Male --- 5 matched males
Breeder Female --- 3 matched females

ENTRY FEES: Single Male and Single Female \$1.50
Tanks - 2 Matched Males \$2.50
Breeder Male and Breeder Female \$3.50

AWARDS: First place winners will receive plaques.
First place Best of Show and Breeder classes will receive Special plaques.
Second, Third and Fourth Best of Show will receive Special Awards.
All places will receive IFGA Award Cards.

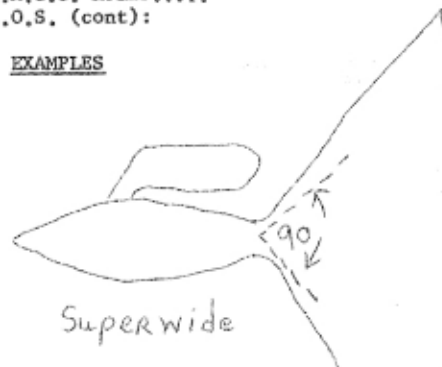
AUCTION: A female must accompany all males to be auctioned off. A male must accompany all females to be auctioned off. 50-50 split between breeder and Big Apple Guppy Group.

A.O.S. (Any Other Shape) Class: The intent of this class is to encourage the development and showing of larger finnage without the limitations imposed by the current judging rules. Finnacle shape will not be a cause for disqualification. In fact, there is no cause for disqualification in this class except major deformities, DOB or too small for show fish. The goal is size - both body and finnage; intense color (any color) with matching caudal and dorsal; Shape - Body, regular rules. Dorsal and Caudal - any shape is OK, including any angle for the caudal to leave the peduncle. Please note - This class will not be included in the Best of Show judging.

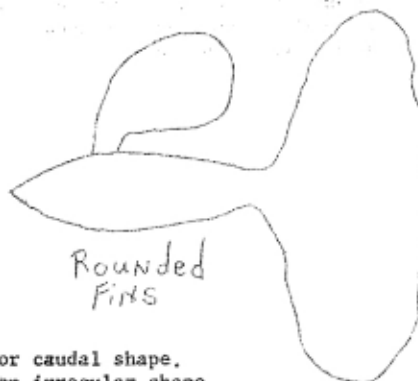
B.A.G.G. RULES.....

A.O.S. (cont):

EXAMPLES

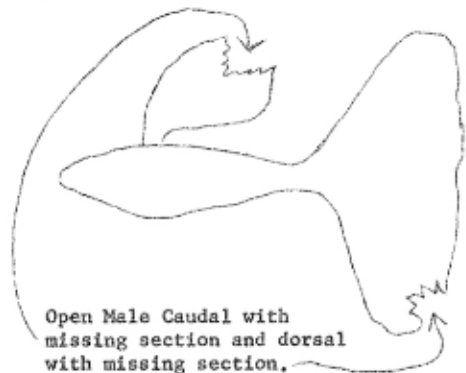


Superwide



Rounded Fins

No preference on either dorsal or caudal shape. Shape deductions will be based on irregular shape or apparent missing sections.



Open Male Caudal with missing section and dorsal with missing section.

A 1 to 1 ratio between body and caudal (regular male classes) is to be judged the same as regular male classes. Large colorful fish which have an advantage in the open class compared to their chances in the Delta and Veil classes include:

No penalty for shape

Superwides (with 1:1 body/caudal ratio)
Rounded Caudals
Balloon or Flag Dorsals

No penalty for shape or proper proportion of dorsal to caudal type.

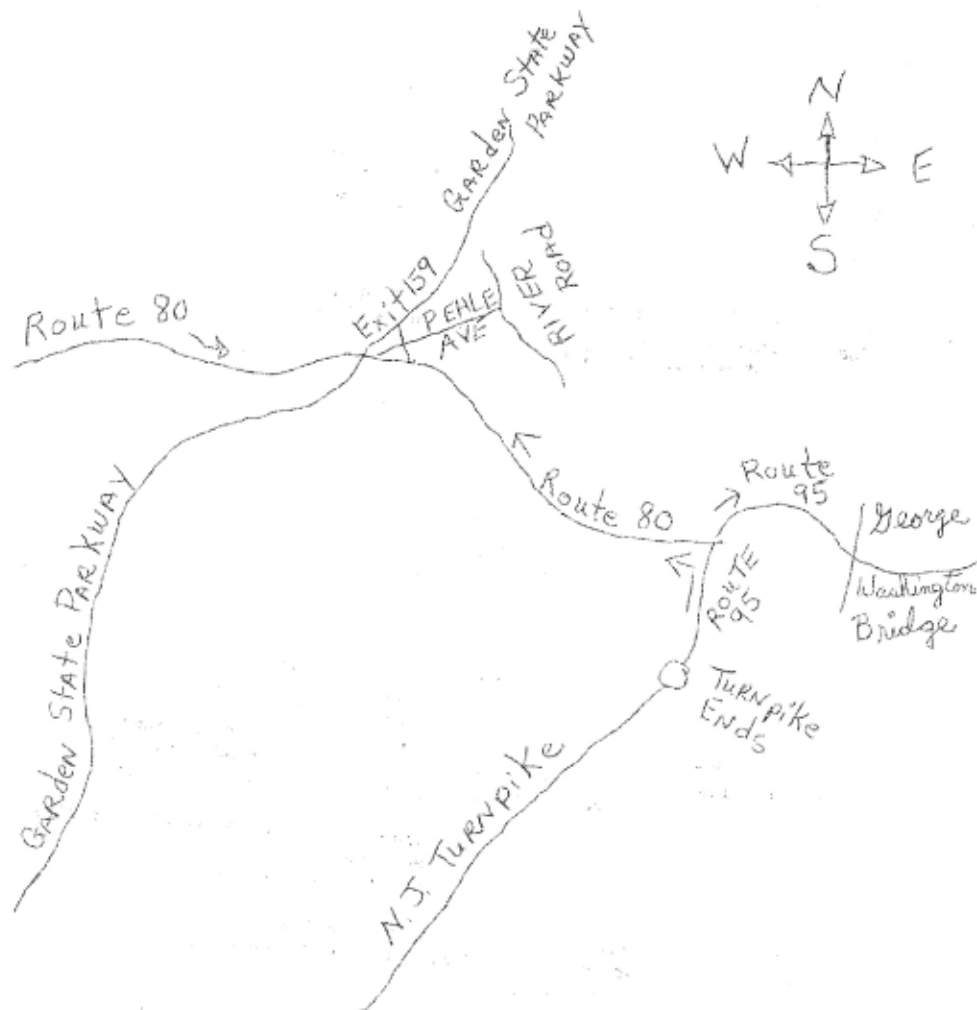
Delta with Veil Dorsals and
Veils with Delta Dorsals.

Judging this class will be similar to Best of Show judging and points will not count for the AOC class. Because this is the first time for this class and the judging of finnage shapes is outside the current judging rules, this class will not be included in judging for Best of Show.

Let's see how big and colorful those dorsals and caudals can get!!!

B.A.G.G. RULES

MAP: Howard Johnson Motor Lodge
Garden State Parkway Exit 159 - meets - Interstate Route 80
129 Pehle Avenue, Saddle Brook, New Jersey 17662
Phone: (201) 845-7800



MY MOTHER'S GUPPIES: A FAMILY PROJECT

by Connie Wilson
Corresponding Member from
Marrero, Louisiana

After many years of marriage, and many disagreements over the phone bill, about my long distance calls to my parents (that made me look like I had shares in AT&T), my husband decided it would be cheaper to move my parents down here with us. Besides I was getting tired of signing over my hard earned paycheck to the telephone company. Besides, my parents were having a hard time themselves making ends meet.

After my father made a trip down here to New Orleans, it was decided. In February, my parents with three large dogs moved in with us. One night we were sitting down to our evening meal together, when my mother surprised us all by saying, "Only one thing- I've always wanted was some fancy guppies. All I want is two. That would make me the happiest woman in the world." Since my husband and I wanted to make my folks comfortable, and at that time it didn't seem like an unreasonable request, my husband being the generous sort said, "Instead of getting just a fish bowl, get a couple of fish and a small aquarium to make Mom happy."

I should have called for arbitration right then and there. So with the next day being the day after payday, off we went shopping for 2 fish and the equipment that goes with it. Both my mother and I were novices, but at the time I was sure that a small aquarium and two guppies were not going to cost all that much, well, maybe just a meager amount of money. I also thought they took a minimum amount of care. Now I am sure that all took place in my imagination. Here is where I must warn all future aquarists, it is a buyer's beware market out there. Find out all you can first about the type of fish you want to raise, and what equipment you will need. My mother and I were very unsophisticated about that rule and that is where our troubles started.

Common guppies are less expensive, but the fancy guppies vary in price. The average range from \$2.99 per male to \$.99. Females go for \$1.67 to \$.89. Some show guppies go for as much as \$9.00 or more depending on what show or prizes they have taken in different classes. Without knowing all of this we walked into the pet shop with good intentions that everything was going to be easy. I even spotted a sign that gave me all that assurance:

"All Aquariums Complete: Any Seven Year Old Can Set This Up:
Everything You Need To Get Started"

This was really going to be simple! What they failed to say was that it was almost complete and the seven year old was a mechanical genius. So, not knowing any better, I bought the complete aquarium plus four fancy guppies. How two became four I am not sure. All this to the tune of \$67.89.

Have you ever tried to juggle a small aquarium into a small car full of groceries? It is fun. Getting home in rush hour traffic isn't easy either. My father just stood in the doorway shaking his head, not saying a word. Not even the obvious, like where were we going to put all the stuff in the house. I was still convinced that if a seven year old could set this aquarium up, so could I. After moving my mother's sewing table out to the front room, I started to set it up. I put the aquarium on the table and took everything out and began to read the directions. There are no instructions that tell you how to sterilize your aquarium so I just filled it up with water and put the anti-chlorine solution into it. Of course I should have read the books I bought but I did not, that would have been logical.

MY MOTHER'S GUPPIES.....

Next I took the corner filter out of the box and continued on. I found that a piece of plastic was broken out of the filter. Cutting off the end of some old panty hose I lined the filter with that. Lining the filter with pantyhose, putting my charcoal into the bottom, then putting the middle dividing part on top of it I put the aquarium floss - then the lid wouldn't close. Too much charcoal and too much floss - I took some out. Finally it fit. Then came the tubing. The plastic tubing hooks up to the bottom of the filter to a motor pump that pumps air through the aquarium. But the tubing didn't fit. It seemed too small. Sure that I had the wrong tubing I called the pet shop. Only to hear the voice on the other end of the phone say "Any dummy knows you put the end of the tubing under warm water first to expand it."

Thirty minutes later I connected the tubing, plus one large headache. I put the filter into the water - it floated. It was supposed to sink. No one told me I was supposed to submerge it first to soak up the water. After five tries I got it right. Two hours later everything seemed ready for the fish. Remember - I still had not read the book. So, I open the plastic bag and let the fish out into their new home. Now I read the book! My blunders were on the first page. The first thing I did wrong was not letting the water stand 24 hours in the aquarium. In fact I was 22 hours early. I hadn't boiled the gravel, or sterilized the tank by putting in methylene blue, or checked the pH of the water. In the supposed COMPLETE aquarium kit there was no methylene blue and no pH test kit for testing the water. Fancy guppies unlike other fish like a varied diet. I had received only one can of basic guppy flakes. A stentorian voice from somewhere deep inside me kept saying, "You haven't seen anything yet!"

The best was yet to come. We had told the man at the pet shop that we wanted one gold male and one red male, the other two were supposed to be females and the color didn't matter. We did get our gold male, but the red male turned out to be a pregnant female. So, we wound up with a gold male and three females. Like thier cousins, the common guppy, they give live birth and have a bad habit of eating the young, if not well fed. You can also use plant coverage. Mother and I made plans the next day to go to a different pet shop to get the things we needed plus some plants for our pregnant female. Some one failed to tell Mamma Guppy of our plans. Shortly after midnight, she delivered her brood. There we were - mom, me and a half-awake husband - fishing babies out of the tank with a net and putting them into a jar.

The next day mother and I went to the pet shop and bought a fish bowl, methylene blue, pH test kit, thermometers and several different kinds of fish food. All for about \$100.45. There we learned that we also needed airstones, brine shrimp eggs and a larger pump. After testing the water with the pH test kit my husband shook his head, telling us that the pH was wrong and that according to the information with the test she should not have had her babies. But Mamma Guppy didn't know that. Going back to the second pet shop we found out that her babies were premature. There were several reasons why that could have happened. One was the change in the water, the drop in temperature, the increase of the pH level, or she could have gone into shock. Normally all the experts will tell you not to keep the premature babies. Maybe we were so dumb that we hadn't read that far in our book, but we went so far as to get special liqued baby food for our small fry. There are several arguments for discarding these premature babies but I won't go into them. Ours survived and we were well pleased. After many more trips to the pet shop we had 12 more adults and one tank heater at \$47 more dollars.

MY MOTHER'S GUPPIES.....

Everything was running smooth - then one by one our adult fish started dying. Their color would bleach out and the next morning we would find them dead. Out of 16 we were down to two. One was a large female bluish black in color, and the gold standard male. None of the babies had died. The female was pregnant. To make sure we were going to save her babies we bought a large plastic guppy hatchery. We put the hatchery in the aquarium and waited. A week went by and still nothing. We decided to take her out of the hatchery when we discovered a baby, just one. She was three times to size of our other babies, and very well marked. She, too was a bluish black with a green lacy tail. My husband decided it was time to treat all our fish or lose them. The strange thing was that none of the babies died.

Back to the pet store and this time two 10 gallon aquarium tanks, hood lights and some "Germacin" and of course a few more fish. This time the total came up to \$167.00. To make sure everything was sterile I ran the filters, hatchery, nets through the dishwasher. When I opened the dishwasher the filters and the hatchery were one big glob - they had melted. My husband's idea of sterilization wasn't much better. His idea was to use bleach! We did stop him before he got started, that would have not only sterilized the tanks but killed the fish as well. We were advised to use salt and methylene blue. After replacing the filters, etc at a nominal fee of \$45.00 we lost our gold standard male. Only our large bluish black female remained from our original 16. Back we went to replace our fish.

In the meantime, our little premature babies were ready to mate. Except for their size, they were by show standards ideal. We took our new bluish black female named Star and one red small male named Peewee and the results were great. Star at her first delivery had close to 60-80 babies - all fine and healthy. Star lived up to her name delivering every 27 days. Always a hardy bunch.

What happens when you become overpopulated with guppies? Good question, I wish I had a good answer. Many pet stores are willing to sell you prime breeding stock, but reluctant to buy them back. My mother who is always reading and willing to experiment, guppies give her a challenge. A challenge to develop her own strain. Star's mother, Grandma Guppy, figured that she had done enough to help us I guess and passed on. A guppy's life is only about two years, but in that two years can produce about 100,000 babies. Many books will tell about special foods for your guppies, we have found through trial and error that baby brine shrimp are about the best thing to feed your babies. There are several hatcheries for the brine shrimp on the market and again at all different prices. Through experimentation my husband built a hatchery using a 2 liter beverage bottle, scrap lumber and aquarium sealant. We also learned it is best to feed all the guppies on a four hour timetable. We have six different foods that they receive during the day. In this way if an accident does happen and the adults have babies, they don't tend to eat their young.

My mother's guppies have become a family project. It can get expensive and complex like any other hobby, but all the hard work is worthwhile. Right now we are busy in developing our own strain. There are many guppy clubs in the U.S. and around the world. New strains are being developed every day, through years of hard work, people of all ages can enjoy raising and breeding guppies.

REPORT ON BREEDING TECHNIQUES OF
THE GUPPY PART 3 - SNAKESKINS

compiled by Maumee Valley
Guppy Association
(Not for reprint without
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction. This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes. For this issue we will report on the Snakeskins. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Astrid Young - Austrian Guppy Club Tom & Pat Allen - Lombard, Illinois
Frank Orteca - Guppy Assoc. Cleveland Rich Bader - Maumee Valley Guppy
Mike Lastella - East Coast Guppy Assoc Jamey Magnifico - Maumee Valley Guppy

Question 1: Snakeskin strains represented and their source.

1. Astrid Young - Yellow snakeskin strain crossed with grey/blue fish of Mike Lastella's.
2. Tom & Pat Allen - Purple snakeskin from Glen Parrish line crossed with purple female (Hutter). The male exhibits the Parrish dorsal trait - light in color and striped.
3. Frank Orteca - Originally from William Illig. Caudals were blue with white marbling. Have had strain for 7 years.
4. Rich Bader - Original pair was from Bill Brandeberry (Wm. Illig line) crossed to a pet store guppy (lineage unknown, probably Hong Kong). This strain crossed to Jim Heller line (Parrish strain). Then crossed to strain from Frank Chang, then to a strain from Mike Regent. From these crosses I have developed 3 basic strains of variegated snakeskins - all related. My solid snakeskins are from Bill Orth's purples crossed to Frank Orteca's solids.
5. Mike Lastella - Rich Bader's line.
6. Jamey Magnifico - Line 1: Rich Bader; Line 2: John Zelk; Line 3 - Austrian male bought at auction bred into Rich Bader strain.

**** Although the breeder's didn't go into a great deal of detail as to the origin of the snakeskins used to begin these lines there are a few things to be noted here. If you will notice a number of breeders started with lines of common ancestors. Breeders #2 and #4 with the Parrish line, which effects Breeder #5 and Breeder #6 (lines 1 and 3). Breeders #3 and #4 with the Illig line which also effects Breeder #5 and Breeder #6 (lines 1 and 3). This means that five of the breeders have strains that are all related. Also Breeder #6 (Austrian line) came from Breeder #1 line. This may be significant in the following report.

All breeders except #3 and #5 have found it necessary to outcross their original snakeskin line in order to achieve better results. Possibly some reasons for this are that snakeskins have not been developed enough to inbred well, so the breeders have to outcross to raise the quality of their lines. It should be noted here that the snakeskin class is sub-divided into solids and variegated. Breeders #1, #4, #5, #6 are primarily raising variegated snakeskins whereas Breeders #2 and #3 are raising solid snakeskins. This means we have breeders in the same class trying to develop opposite goals - one trying to achieve a solid color dorsal and caudal and the other trying to develop a uniform variegated pattern in the caudal and dorsal. It seems there should be some contrasting goals and methods between the two types of breeders.

PART 3 - SNAKESKINS.....

FEATURES OF THE STRAINS AS COMPARED TO AVERAGE:

Strains	1	2	3	4	5	6	1	2	3
Size	smaller	Aver.	larger	ave/lg	aver.	lg.	sm.	aver.	
Tail Width	wider	wider	larger	*wider	aver.	delta	veil	veil	
Dorsal	larger	smaller	aver.	larger	larger	good	sm.	long	
Rate Maturity	early	early	*slow	slow	aver.				
Fertility	less	more	prolific	less	less	good	fair	fair	
Cannibalism	no	less	less	more	aver.	no	aver.	more	
Susceptibility to Disease	less	less	less	little	less	less	aver	drops	

- *3. Although body growth is fast, the caudal takes a good 7 months to reach show quality.
- *4. Although I get good tail width, I do have trouble with short caudals.
- ****Here we can see typical effects of hybrid vigor resulting from out crossing.
- (a). With the exception of Breeder #1, all strains that were outcrossed achieved average to larger body size.
- (b). With the exception of Breeder #6, (line 3), all tail width is wider to average.
- (c). Again one exception on dorsal size - all outcrossed strains are larger to average size - tail and dorsal are probably the primary quality looked for by the breeders, three very important things to achieve a measure of success through occasional outcrossing.
- (d). Rate of growth and rate of maturity are probably a secondary matter to the breeder, there seems to be no insight shown here.
- (e). Fertility - split down the middle (half have problems - the other half little).
- (f). Cannibalism - is something that can be dealt with - not significant.
- (g). Susceptibility to disease is less to average for all breeders. Most breeders have developed through the years good environmental habits for the fish.

BREEDING TRUE:

Strains	1	2	3	4	5	6	1	2	3
Time Kept Pure	3 years	5 gen.	*	*5 yrs.	*		3 years.		
Siblings	50/50	yes	--	yes	--		99-75		
%Desired Color	*30%	75%	90%	80%	99%		99.5-75		
%With Impurities	15%	10%	10%	19%	20%		1%-24%		
%Diff. Color	5%	15%	0%	1%	1%		0%-1%		

- *1. Out of 50% that were males 30% had desired color. Out of the 50% that were males 15% had impurities.
- *3. I cross snakeskin males to blue or green females. My young come out with 90% solid tails. I outcross like this for 2 generations - on the third generation I breed brother to sister.
- *4. Kept pure for 5 years with obvious outcrosses to improve line.

METHOD OF BREEDING TO MAINTAIN THE COLOR:

Strains	1	2	3	4	5	6
Inbreeding:						
Sibling Cross	yes	yes	every 3	yes	yes	yes
Father to Daughter	yes	---	---	yes	no	
Mother to Son	---	---	for color	no	no	
Line Breeding:						
# of lines	4	---	*	3	2	3
Crossed after	5-6	---	*	*	6-8	
No. Generations						

PART 3 - SNAKESKINS.....

METHOD OF BREEDING TO MAINTAIN THE COLOR(cont.)

- *3. I use Mother to son to establish new color. With my method, I cross 1st generation and 2nd generation, then breed brother to sister 3rd generation.
- *4. I cross whenever quality drops, about every 3 to 4 generations.

EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC.:

Strains	1	2	3	4	5	6
Foods	*	none	*	*	slight	---
Chemicals	*	n/a	never	none	---	---
Trace elements	*	n/a	---	*	no	---
pH of water	*	7.0	*	*	*	neutral
Comments	*	*	*	*	*	*

- *1. Not practiced by breeders of OeGG * Austrain Cuppy Club.
- *2. No special foods are used.
- *3. a. Beef heart will darken color.
b. Never used.
c. Alkaline seems to darken caudals.
Have tried a wide variety of food, but it does not seem to effect the snakeskin.
- *4. a. Use tetra min staple, gives one fair to good coloring.
b. none
c. Hanau vita min brick, seems to help darken colors
d. Hard water seems to intensify color
Have used a number of color enhancing food which helps color, but is not lasting.
- *5. Will temporarily darken with lower pH.

METHOD OF BREEDING SHOW FISH FROM THIS STRAIN:

Strains	1	2	3	4	5	6
Same method as for maintaining the strain	---	yes	yes	yes	---	yes
Controlled hybrids	---	yes	yes	yes	yes	yes
Pure strains	yes	yes	*	yes	yes	yes
Always the same 2 strains	yes	---	3/strain	---	yes	---

- *3. Cross into pure strains (blue, green, AOC or multi for varigated snakeskins).
I carry my blue strain to cross into my snakeskins.

OUTCROSSING - THE EFFECTS ON COLOR:

- Blue - Breeder #2 - 100% blue snakeskin after 2nd outcross
Breeder #3 - Blue cross most dependable outcross - 90% solid snakeskin
Breeder #6 - Have fair results outcrossing blue
- Green - Breeder #3 - Good to average
Breeder #6 - Have fair results
- Red - Breeder #3 - Not enough experience to judge
Breeder #6 - Have fair results
- Multi - Breeder #3 - Good for breeding varigated snakeskins
- Snakeskin - Breeder #3 - Brings about 75% solid tail - 25% with light fringe.

- *1. After 2-4 generations your strain will have every color you want. The only thing which is very important is to breed only with a very highly developed snakeskin male.

PART 3 - SNAKESKINS.....

OUTCROSSING - THE EFFECTS ON COLOR (cont.)

- *3. Solid snakeskins are best to cross with blue then green. Varigated snakeskins are best to cross to Multi females.
- *5. When outcrossing to maintain line I always stay within related colors - this usually enhances color and brings fish back.

Question 8 - If all of the strain were lost except one lone male - what would you consider to be the best outcross to make to preserve the color?

- I would cross the lone male snakeskin to a blue delta tail female.
 - I would cross back into a purple female giving about 80-90% purple snakeskins.
 - Toa female from a show winning blue strain. First generation will come up with 90% solid blue snakeskins.
 - Purple or green female. The varigated snakes have a purple or green cast over the body.
 - Go to a related color.
 - Line 1: Yellow Bi female; Line 2: Green female as they tend to be neutral.
- ****Because most of the time the snakeskin pattern is carried by the male gene you are in better shape then with the other color strains.

Question 9 - Goals - Picking breeders and fry expectations.

- Goal is that my snakeskin guppies do not have any black dots on their bodies and that the varigated markings should be finer.
- To put a solid dorsal on the solid snakeskin male.
- I have accomplished my goals with my solid snakeskins. Now I would like to have multi snakeskins. I have multi snakeskins, but it is too soon to say it is a developed strain. I also would like to develop a solid red snakeskin.
- My basic goal is to develop a good snakeskin pattern. My best snakes have zebraneous bars which is not acceptable.
- To breed as close to the standards as possible.
- Line 1 - Yellow background with black dots totally even; Line 2 - Black background with yellow dots - matching dorsal and caudal. Elimination of the zebraneous bars.

SELECTING BREEDERS - MALES:

Strains	1	2	3	4	5	6
C/R ratio						
Body size	X	X	X	X	X	X
Body shape	X	X	X	X	X	X
Body color	X	X	X	X	X	X
Caudal size	X	X	X	X	X	X
Caudal shape	X	X	X	X	X	X
Caudal color	X	X	X	X	X	X
Dorsal size	X	X	X	X	X	X
Dorsal shape	X	X	X	X	X	X
Dorsal color	X	X	X	X	X	X
Other			X		X	

- *3. Body size - large and straight; Body color - must show good snakeskin pattern. Caudal size - Wide; Caudal shape - wide; Caudal color - must be 100% solid Dorsal size - Too young to tell if size will be good; Dorsal shape - look for height; Dorsal color - try to match as close as possible, Other - Background body color under snakeskin pattern.

PART 3 - SNAKESKINS.....
SELECTING BREEDERS - MALES(cont.)

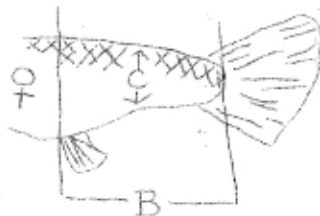
- *5. Body size - average; Body shape - Well rounded, heavy peduncle; Body color - best.
Caudal size - In proportion to body; Caudal shape - 60 degrees; Caudal color - Most color and best secondary color
Dorsal size - Large; Dorsal shape - 3 to 1 ratio on delta; Dorsal color - match to caudal;
Other - Usually not largest or best color in tank, but best overall.
- *6. Lines 1 and 2: Body size - Average/large; Body shape - Thick and best peduncle;
Body color - yellow with least zebraneous bars
Caudal size - medium/large; Caudal shape - Delta/Veil; Caudal color - Yellow/as much yellow
Dorsal size - Average/small; Dorsal shape - Parralell/slight balloon; Dorsal color - yellow/as much yellow.

****The chart here speaks for itself. The breeders look for all things in their males, so that they will end up with the best all around guppy.

SELECTING BREEDERS - FEMALES:

Strains	1	2	3	4	5	6
C/R ratio		X	X			
Body size	X	X		X	X	X
Body shape	X	X	X		X	X
Body color						
Caudal size			X	X		X
Caudal shape			X			X
Caudal color	X	X	X	X		X
Dorsal size	X	X		X	X	X
Dorsal shape	X		X			
Dorsal color	X	X	X	X	X	X
Other						

****For those of you that are unfamiliar with C/R Ratio - this probably should be explained; C/R Ratio = Caudal Ratio. A measurement is taken of the length of the caudal portion, measuring from the forward attachment of the ventral fin to the end of the caudal structure. Another measurement is taken at mid-point of the caudal peduncle. The C/R number is obtained by dividing B(length) by C(height). This number represents the caudal ratio. The lower the C/R of the female, the better should be the male offspring (up to a point). Best range between 1.03 and 1.60. A female with a C/R beyond 1.60 should be watched with great care. (See illustration).



PART 3 - SNAKESKINS.....
SELECTING BREEDERS - FEMALES(cont.)

Only two breeders have stated that they think C/R ratio is important. Although two other breeders (#5 and #6) both stated that they look for heavy peduncles in their females, which does in fact relate to C/R. We must keep in mind that C/R ratio is theory and may or may not be fact. The theory being based on the idea that the guppy through generations of carrying large over weight caudals will develop heavier peduncles in the females. By separating the traits looked for in females we can come up with an interesting conclusion here. If we count the X's in the traits looked for in the body and caudal we find 10 in each section. Now if we count the X's in the dorsal section we find 13. This indicates the dorsal may be a problem area particularly in dorsal color which shows that all breeders look for color in the female dorsals and all but one look for dorsal size. In contrast, none of the breeders look for color in the female body. Also dorsal and caudal shape are apparently not thought of as important. Body size, body shape, caudal color, dorsal size and dorsal shape seem to be very important.

BREEDING AGES, SIZE OF LITTERS, RATIO OF MALES TO FEMALES:

Strains	1	2	3	4	5	6
Age bred M	4 mo.	3-4 mo.	3 mo.	6-7 mo.	3-4 mo.	3 mo.
Age bred F	3-6 mo.	3-6 mo.	3-6 mo.	4 mo.	3-12 mo.	3 mo.
Aver. Litter size	60	20-15	35	15	25	*
Ratio M/F	50/50	50/50	50/50	50/50	50/50	50/50

*6. Litter size in Line 1 - 25-30; Line 2 - 50-60.

****Three to four months is by far the most popular age to breed both males and females.

GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES:

Strain	1	2	3	4	5	6
Body size	both	both	F	F	M	both
Body shape	both	M	both	F	M	M
Dorsal size	both	both	M	M	both	M
Dorsal shape	both	M	both	M	both	F
Dorsal color	both	M	both	M	M	M
Caudal size	both	M	both	F	F	M
Caudal width	both	F	both	F	F	F
Caudal color	both	both	both	M	M	F

*1. I believe the male snakeskin carries the body color.

*6. I believe in all of my lines the male carries the snakeskin gene.

****There are some rare lines of snakeskins where the female carries the snakeskin gene.

Question 13 - Special problems with this strain.

- *1. Sometimes a generation has the horizontal markings on their bodies.
- *2. Dorsal color, as in the case with many strains developed by using a male from the original Parrish stock.
- *3. Getting the dorsals to match as good as regular gray body fish.
- *4. Short caudals, tail rot, weak and frayed caudals, zebraneous bars.
- *5. Tail rot.
- *6. Zebraneous bars.

****Two nagging problems are shown here - (a). Those breeders raising variegated snakeskins have trouble getting the proper snakeskin body pattern. (B)... Those breeders raising solid snakeskins have trouble matching the dorsal color with the caudal color. Breeder #2 states that this is a genetic trait which is sex linked (passed from father to son). Short of a complete mutation, there doesn't seem to be any way to eliminate this trait.

PART 8 - SNAKESKINS.....

FAVORED ENVIRONMENT FOR KEEPING THIS STRAIN:

Strains	1	2	3	4	5	6
Salt	*	*	*	---	*	*
Spec. diet	*	---	*	*	---	---
Spec. environment	*	---	---	---	*	---
Tank size	*	*	*	*	*	*

- *1. (a). For illness
(b). Brineshrimp, tetra, tetramin, beef heart
(c). Vesiculasia Dubyama
(d). 25 gal. and 30 gal.
- *2. (a). For illness
(d). 2 1/2 gal. to 20 gal.
- *3. (a). 1 teaspoon per 5 gallon.
(b). Shubel blend, frozen brine
(d). 22 gal. for adult males, 10 gal. for fry
- *4. (b) Tetra min staple, vitamin B
- *5. (a) For illness
(c). 6.8 pH, plants and snails
(d). 15 gal. show males, 8-10 fish in each tank
- *6. (a) Tablespoon to 2 1/2 gallon.
(d) 10 gal. up to 3 months, 24 gal. after three months for males.

COMMENTS:

*4. I find that if I can avoid the temptations of outcrossing for a quick fix and stick to inbreeding, I am in the long run better off. Outcrossing will usually give me good results for a generation or two but jumbles up the genes so much and I have no logical knowledge I can use to make good crosses. I find that it takes patience and inbreeding to make a steady improvement on the strains I have.

Editor's Note: Comments/conclusions drawn by MVGA are designated by ***.

COMMENTS

by Dennis Hirth

I have been reading Tom Allen's article in the March issue of IFGA bulletin. I agree with his point that in the case of Dayton where all veils had to be entered in one AOC veil class it should have been done the way it was described. However, this was a case of tail shape classification - not color classification.

At the Fort Wayne Annual, one year ago, this exact problem with the Albino female came up in judging. After a long discussion between the judging teams and the judging board members in attendance - it was agreed that when there is no Albino female class the judges should revert back to the entry classification chart in the Blue book. That is to say if there is no Albino female class then enter her as if she is not an Albino and proceed down the chart. Since there is no Swordtail female and no Albino female you go to the Half Black. Since there is no Snakeskin female go on down the list to Gold, Bronze or Grey female - then you check the color of tail (red, blue, etc.). Only if she is none of the above - she then goes in the AOC class. If you were to take an Albino female and simply enter her as an AOC and she fits in one of the above classes first you will be disregarding the rules.

COMMENTS.....

by Warren Burke

The East Coast Guppy Association's Auction was a great success. The Big Apple Guppy Group had nine members who attended this auction of 1984 along with many other breeders. Everyone had a splendid time!! This would be a good idea for other clubs to follow. An auction brings in money to help put on a show. Start by establishing some true breeding stock to make your auction a success. I must truly thank all of the East Coast members and staff for an auction well done.

by Frank Orteca

This pertains to Bill Orth's article about the disease that destroyed his fish room. Bill, it sounds as if you tried everything without any luck. Can you give us an educated guess on where this disease came from. If we can't control it maybe we can prevent it!! Before this outbreak did you start feeding any new live or frozen foods? Do you feel you might have picked this up on the show bench? Is there anything you can offer us to help prevent this from happening? What is the name of this disease? If this disease has no name perhaps we should label it.

QUESTIONS & ANSWERS

March's Question of the Month - Females refusing to eat after dropping thier fry.

ANSWER

by Warren Burke
Big Apple Guppy Group

If the temperature in which she had her babies was below 74% this may be the cause. She should be placed by herself in a 5 1/2 gallon tank in which you raise the temperature to 78% and feed her newly hatched brine shrimp, along with a good protien of past food and some microworms. Keep her in this tank, away from her fry, for about five days. Use bright lighting and by all means, make sure that you don't use raw water - aged water only with good filtration. Leave lights on for 8 to 10 hours. After a few days she can be placed back into her regular quarters. Try to control the temperature so that it will remain about 76 degrees to 78 degrees. This will prevent her from developping stomach bloat. A little Kosher salt wouldn't hurt either.

April's Question of the Month: How do you dispose of your culls when you can't sell or give your fish away?

NOTICE!!!

from Ann Bader
MVGA

For those of you who may be shipping entrys to the Maumee Valley Guppy Association Show - please call the Bader's at (419) 823-7725 or (419) 878-9711 and let us know when your fish will be arriving. It was brought to our attention by John O'Brien from the East Coast club that Express Mail(guaranteed overnight delivery) will be going into the Toledo, Ohio post office. Express Mail to our local post office at Tontogany may take two days.

WHAT'S FOR SUPPER?

Subject: Grindl worms

from Tom Allen
Illinois

The grindl worm, a cousin of the white worm, is an excellent high-protein live food supplement which everyone can readily add to their feeding program with very little bother. Fish, especially guppies, will gorge themselves on these worms and never seem to get their fill. These small worms (larger than microworms but about $\frac{1}{2}$ the size of a white worm) do very well at room temperature and can be kept year-round with no noticeable decrease in culture size. If maintained properly, cultures have been known to last almost a year. To insure a constant availability of grindals to feed, it's best to keep cultures in various stages of growth by breaking down older cultures periodically and starting them anew.

Here's all you need to start:

Plastic shoebox (with cover)
Sphagnum peat moss
Gerber's
Starter culture

Kitchen spatula
Small piece of glass

Place about 1" of peat moss in the shoebox and moisten thoroughly. The peat should be completely moist without being wet and sloppy. A fine misting spray bottle works best for this. Place the starter culture in the middle of the box. Feed the worms at least once a day with the baby cereal by sprinkling a small amount to cover the entire area inhabited by the worms. Be very careful not to overfeed or you will find yourself with a polluted and dead culture. Forget about harvesting the worms for, say 6-8 weeks, at which time the small piece of glass is put to use. Lay the glass over the worms and they will crawl over it making it easy for you to dip the glass into your tanks. Be very patient with your new cultures - the longer you wait to harvest, the better the culture will be. As the culture grows, the worms will crawl up the sides of the box giving you a reason to use your spatula. Keep the culture covered or tiny, brown mites and/or small fruit flies will appear. When this happens, the culture generally dies in a short period of time. It's best not to try and re-establish a culture by splitting one that's been infested (for obvious reasons).

It's doubtful that grindal worms could be used as a replacement for baby brine for the following reasons. First, in all but the smallest of set-ups, you would need to maintain a large number of cultures which is impractical. Secondly, the high protein content will tend to make your fish "chesty" if fed too often. However, your guppies will be pleased and thankful if you give them an occasional treat of grindal worms. Try working a culture or two into your breeding program.

from George McCroskey

Grindal worms are a type of live fish food of the worm family that are small enough for even baby guppies of normal size, as well as being large enough for even older, mature female guppies. The worms live and propagate in a light soil mixture that is suitable for normal worm movement and feeding. While the worms will feed readily on the soil surface once they become numerous, normally they feed internally in the soil itself. Therefore, only when the worms are sufficient in numbers is it practical to use them as fish foods because of the amount of trouble in collecting them and removing them from the soil. Therefore, allow some months to pass before attempting to start your cultures over.

WHAT'S FOR SUPPER?.....

TEMPERATURES. Grindal worms need relatively high temperatures to do well. 70-80 degrees is ideal but the worms will survive higher and lower temperatures but may not propagate too well in these extremes. Keep worm boxes covered for equalizing temperature changes and DO NOT place the worm boxes on cold floors or in heavy drafts. Boxes for growing grindal worms should be water proof and the type that can be closely covered. An excellent box, if you have the room to utilize them are the styrofoam fish shipping boxes usually available from any pet store. Only four inches of soil should be placed in a box this size.

SOIL MATERIAL. This while really not too critical, should be handled with some care. Heavy clay soils are usually not suitable as is. This is also true of sandy, or soil that is gravelly or rocky. However, by the addition of some black, finely chopped peat moss, or well rotted leaves from a woods, one can lighten most soils to make them suitable. Light, fluffy soil from a rotted stump or woods will make an excellent base for your worm boxes. A much simpler and easier method is to buy "potting soil" from a local department store. While this is far from 'dirt cheap' it does make good culture medium for worms. Whatever the soil you finally obtain, add two tablespoons of dry cornmeal (yellow, if available) to the soil and mix well. This will furnish added food for the worms in the early stages before they become surface feeders. Add the soil mixture to your boxes. Dampen enough to show but enough to make mud.

WORM CULTURES. Dig deep holes in your soil boxes, add a small bit of culture to the holes (you may add a few flakes of dry oatmeal in each hole if you wish) then cover with soil. Do this over the entire box being certain to separate each hole as much as allowable. Note! If no live worms can be seen in the starting culture when it arrives, just follow instructions as though live worms were seen. Usually dormant eggs are present which will hatch and grow into adult worms.

FEEDING OF CULTURES. After setting up a worm culture box, cover it, set in warm but dark place and leave it alone for one week. After this time has elapsed, add a small bit of dry oatmeal to soil surface, cover and wait for one day, examine the oats carefully to see if any live worms are present. It may take four weekly examinations before any can be seen. Once live worms are seen, feed on the soil surface very lightly every third day. Worms will be seen as a fine, slightly moving, greyish cover that is mixed in with soil and oats.

COLLECTING WORMS. Once quantities of worms are seen on soil surface, place a sheet of thin glass, thick plastic film or other waterproof material directly on soil. Worms will collect on this and one can scrape them off with finger, wooden stick, tweezers or cotton swab. By swishing this in each tank, worms will readily wash off with no mess. Caution: Amount of worms collected in this manner may fool you. In a really heavy-producing culture, enough worms will collect on one six by six glass to feed three ten gallon tanks.

OTHER HINTS. Worms of all kinds do not do well in culture mediums that are acid. If you have such soil suggestions are to neutralize the acid. The best material for this is ground lime-stone (called agricultural lime) but powdered chalk is very good that is found in some drug stores, or make your own from a stick of chalk. To each quart of soil mix, blend in a teaspoon of chalk. Baking soda will work but can be a bit radical in operation. Use only a pinch of it.

WHAT'S FOR SUPPER?.....

OTHER HINTS(cont).

To prevent soil sogginess - In each container, before adding soil, put in a one inch layer of small pebbles, crushed charcoal briquets, or coarse sand. Any surplus water goes into this and prevents soggy soil.

Worms are near enough to brine shrimp to make fish growth quite well. BUT, the worms are only likely to be as good as to what they are fed. Lots of starchy grain based food will make fat worms and very probably fat guppies. The addition of high protein foods to the ones used for feeding worms will help. That is, add a bit of brown sugar, or syrup, to the cornmeal/oatmeal to do the trick. A bit of sliced apple is also helpful.

NEXT MONTH'S WHAT'S FOR SUPPER? - Earthworms

Note: This is a change in the original schedule as published in the early part of the year. Since the spring month's are the best time to start raising earthworms we will feature this in our May issue.

BADER'S BLOTTER

by Ann Bader

This bulletin has been the product of many helping hands this past year. Now we have another name to add to our list of dedicated guppy hobbyists. We hope each of you like our "New Look" as you receive this month's bulletin. We felt the new cover was a very refreshing concept of our IFGA logo. John Wolcott has not only given his time to this project but has supplied us with a large quantity of these covers. Rich and I are eternally grateful to you, John!!

Also while on the subject of the bulletin - I'm very happy to say that we've received many fine articles - the response has really been great the past few months. We have been able to give you a good sized publication because of this and I feel it's been very worthwhile reading. Keep up the good work all of you!!

Everyone have their plans made for that first show of the year?? In case, you are still undecided - let me say - besides all those beautiful guppies and beautiful people you'll see, MVGA will once again be having their famous Hospitality room and the raffle will have all those neat things the wives adore, created by our clubs two artists. Rumor also has it that a "young at heart" couple from Indianapolis are planning to attend and it's been a long time since we've seen them. Come and join us for a great weekend!!

This April, though the outlook looks hectic, has the makings of a great month for the Baders. Only one word can describe it - FAMILY!! It starts the first weekend with our "IFGA" family get together. The middle of the month is the arrival of our "Oregon" family - daughter Storm and granddaughter, Hannah for a two weeks stay back home in Ohio. Easter weekend is the celebration of the 50th wedding anniversary of my parents (generations of FAMILY). What a month for fond memories and treasured moments!!

TO EACH OF YOU:

Have A Happy Easter!
Skip to the California Show!

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*International
Fancy
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International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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OFFICIAL BULLETIN

OF THE

INTERNATIONAL FANCY GUPPY ASSOCIATION

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MAY 1984

NO. 4

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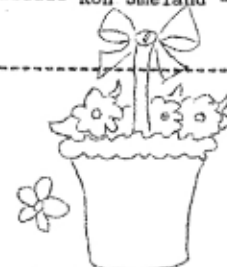
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All of you, hobbyist and breeder alike, should be aware that many cities and towns have begun to purify their water supplies with a chemical called chloramine rather than with chlorine which has been used for so many years. Chloramine, it seems, is a more stable compound and thus easier to work with but is far more toxic to tropical fish. Chemically treating our water each week before making our water changes will be a burden each of us will have to live with. This is only half the problem - in most towns the changeover is being made with no advanced notice even to local pet shops. Eventually, the entire nation will convert to the new method. If water treated in this manner is as toxic to fish as they say, the entire tropical fish hobby could be in jeopardy. The April issue of FAMA does have some information on this subject, but we need to know more -- if you can help, send information to the bulletin for publication.

Without question, the very best food for guppies is an abundance of newly hatched brine shrimp. Feeding large amounts of baby brine (primarily from the Utah eggs) will cause filters to get extremely dirty due to the residue in the eggs. Much, if not all, of this residue can be eliminated by "denuding" the eggs if you can take the mess and the odor. For those of you with only a few tanks, cleaning filters weekly could be the answer. This becomes virtually impossible for someone with a large, say 20 or more tanks, set-up. But the answer could be a simple "partial filter change". Rinsing or replacing the floss or running tap water over the charcoal to loosen the collected mulm until it can be poured off will give those filters new life.

Later this week the first show of calendar year '84 will occur in Toledo. As always, it is imperative that we as breeders support those IFGA member clubs who take on the responsibility of hosting our shows. It can be a devastating experience for any club, especially a new club hosting their first show, not to be able to cover their expenses with the income they get from entries, the auction, etc. We need your continued support.

SHOW SCHEDULE 1984

CLUB	SHOW DATE	CLASSES DUE
Maumee Valley Guppy Association	April 7-8	
Pan Pacific Guppy Association	April 21-22	
Guppy Associates International Chicago	May 5-6	
Canadian Guppy Club	May 19-20	
Big Apple Guppy Club	June 2-3	
South Jersey Guppy Group	June 23-24	
Guppy Associates of Milwaukee	July 21-22	
Buckeye Fancy Guppy Club	August 4-5	May 4
East Coast Guppy Association	August 25-26	May 25
Gateway Guppy Association	November 2-3-4	August 2

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association.

Meetings: South Jersey Guppy Group and Gateway Guppy Association.

Show Those Guppies In
Chicago & Toronto !!
1.

MAUMEE VALLEY GUPPY ASSOCIATION

April 7-8, 1984

SHOW RESULTS

707 Entries

JUDGES: Tom Allen, Ellen Armitage, Rich Bader, Don Craft, Eugene Golimowski, Paul Gorski, Jim Jirku, Marilyn Johnson, Doris Lastella, Mike Lastella, Ted Lobello, John Mackey, Pop Morgan, Frank Orteca, Bill Orth, Don Saurers, Ethel Shubel, Stan Shubel, Sue Hull, Ron Yater, John Zelk

ASS'T JUDGES: Pat Allen, Paul Blood, Jim McCarty, Jamey Magnifico, Bill Schoenbauer, Frank Schulerbrandt, Steve Sparrow, Terry Wasyluk, Eugene Wiatzka, Verna Wilson, John Wilson, Ray Winkler

OBSERVERS: Bob McKim, Amee McKim, Jeff Mohr, Andy Thornhill, Ed Regec, Rich Serva, Bill St. Clair, Jim Peterson, Jim Shoffner, Robert Albright, Frank Barta, Rina Bosolt, Mark Miarka, Chester Miarka, John Bosolt, W.W. Price, F. J. Roll, Judy Orth, Jack Longer, Barb Longer, Lawrence McIntire, Rev. Lloyd Groenke, Stephen Kwarteler

BEST OF SHOW

TANK: (H/B Yellow) (Albino) (Red) (H/B AOC)
1. Charles Zesch 2. James Coleman, Jr. 3. Paul Gorski 4. Stephen Kwartler

MALE: (Novice) (Purple Delta) (Blue Delta) (H/B AOC Delta)
1. D & R Rush 2. M & D Lastella 3. Stan Shubel 4. J & V Wilson

FEMALE: (H/B AOC) (Black) (AOC) (Gold)
1. E & W Cooney 2. J & V Wilson 3. J & V Wilson 4. J & J Bardoun

BREEDER MALE: (12)
1. M & D Lastella 2. M & D Lastella 3. Joe Smith 4. Joe Smith

BREEDER FEMALE: (6)
1. Rich Bader 2. J & V Wilson 3. Jim Sheffner 4. D & R Rush

	TANK	DELTA	VEIL
RED:	(10)	(27)	(9)
Paul Gorski		James Alderson, Jr.	John O'Brien
John O'Brien		Paul Gorski	Paul Gorski
Stan Shubel		John O'Brien	John O'Brien
Paul Gorski		Paul Gorski	John O'Brien
BLUE:	(20)	(24)	(10)
Joe Smith		Stan Shubel	Louis Wasserman
Joe Smith		Stan Shubel	Louis Wasserman
D & R Rush		Jim Jirku	M & D Lastella
B & K Curran		Stan Shubel	Frank Orteca
GREEN:	(9)	(17)	(8)
M & D Lastella		M & D Lastella	Mark Miarka
Paul Gorski		R & B Halverson	M & D Lastella
Rev. Lloyd Groenke		R & B Halverson	Rev. Lloyd Groenke
Rev. Lloyd Groenke		T & P Allen	Rev. Lloyd Groenke
MULTI:	(3)	(13)	(8)
Bev Richmond		J & V Wilson	Bev Richmond
Bev Richmond		Arthur Hintz	Frank Schulerbrandt
Charlie Zesch		Arthur Hintz	Bev Richmond
		Arthur Hintz	Frank Schulerbrandt

M.V.G.A. RESULTS.....

	TANK	DELTA	VEIL
PURPLE:	(7)	(12)	(6)
M & D Lastella		M & D Lastella	T & P Allen
T & P Allen		M & D Lastella	Eugene Golimowski
T & P Allen		Eugene Golimowski	Disq.
Eugene Golimowski		T & P Allen	Disq.
H/B RED:	(12)	(19)	(10)
Louis Wasserman		C & S Hall	Louis Wasserman
Harold Armitage		Vic Piteo	Eugene Golimowski
Vic Piteo		Vic Piteo	Louis Wasserman
Vic Piteo		E & W Cooney	Eugene Golimowski
H/B PASTEL:	(13)	(23)	(5)
J & J Kolb		Louis Wasserman	B & K Curran
J & J Kolb		Anthony Sabatasso	Disq.
Darrell Johnson		Darrell Johnson	Disq.
Darrell Johnson		Darrell Johnson	Disq.
H/B AOC:	(11)	(26)	(9)
Stephen Kwartler		J & V Wilson	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler
M & D Lastella		L & S Blaylock	Stephen Kwartler
Stephen Kwartler		Stephen Kwartler	Stephen Kwartler
BL/GR BI:	(6)	(17)	(2)
David Niedzialkowski		David Niedzialkowski	Stephen Sparrow
David Niedzialkowski		Stephen Sparrow	David Niedzialkowski
David Niedzialkowski		J & M Mackey	
David Niedzialkowski		K & K Hawley	
RED BI:	(3)	(12)	(4)
Bev Richmond		Bev Richmond	Bev Richmond
Bill Brandeberry		Bev Richmond	Disq.
Bob Peterson		Bob Peterson	Disq.
		Bev Richmond	Disq.
AOC BI:	(6)	(10)	(12)
Stan Shubel		Paul Gorski	Eugene Golimowski
Jim Jirku		Jim Jirku	Jim Jirku
Jim Jirku		Jim Jirku	Jim Jirku
Jim Jirku		Jim Jirku	Eugene Golimowski
SNAKESKIN SOLID:	(5)	(13)	(0)
T & P Allen		Frank Orteca	
T & P Allen		Frank Orteca	
Frank Orteca		Eugene Golimowski	
John Zelk		T & P Allen	
SNAKESKIN VARIGATED:	(6)	(14)	(7)
M & D Lastella		M & D Lastella	Michael Struck
M & D Lastella		Michael Struck	J & V Wilson
M & D Lastella		M & D Lastella	J & V Wilson
Rich Bader		Rich Bader	Rich Bader

M.V.G.A. RESULTS.....

	TANK	DELTA	VEIL
H/B BLUE:	(3)	(12)	(2)
M & D Lastella		J & M Mackey	M & D Lastella
Stephen Kwartler		J & M Mackey	S & B Miller
Louis Wasserman		Chester Miarka	
		Chester Miarka	
BLACK:	(14)	(14)	
J & V Wilson		Everett Gold	
J & V Wilson		J & V Wilson	
Reginald Day		Reginald Day	
J & V Wilson		Bryan Chin	
AOC:	(4)	(16)	
Stephen Sparrow		Mark Miarka	
Stephen Sparrow		Stephen Sparrow	
S & B Miller		S & B Miller	
Disq.		S & B Miller	
H/B YELLOW:	(6)	(9)	
Charlie Zesch		Charlie Zesch	
Jim Thale		Charlie Zesch	
J & B Longer		Charlie Zesch	
J & B Longer		Jim Thale	
ALBINO:	(8)	(11)	
James Coleman, Jr.		James Coleman, Jr.	
F & I Chang		James Coleman, Jr.	
James Coleman, Jr.		James Coleman, Jr.	
James Coleman, Jr.		James Coleman, Jr.	
GOLD:	(0)	(10)	
		Eugene Golimowski	
		Eugene Golimowski	
		Eugene Golimowski	
		Disq.	
BRONZE:	(8)	(9)	
T & P Allen		J & V Wilson	
Rich Bader		T & P Allen	
Rich Bader		T & P Allen	
J & V Wilson		Eugene Golimowski	
YELLOW:	(3)	(7)	
Disq.		Everett Gold	
Disq.		Ray Winkler	
Disq.		Rich Serva	
		Ray Winkler	
SINGLE SWORD:	(7)	(13)	
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
Jim Thale		J & V Wilson	

M.V.G.A. RESULTS.....

TANK	COMBINED
(10)	(16)
DOUBLE SWORD:	
Jim Thale	Jim Thale
Jim Thale	W.W. Price
Jim Thale	Don Saurers
Jim Thale	Jim Thale

NOVICE MALE: (11)

D & R Rush
R & A Albright
Jim Sheffner
Jim Sheffner

NOVICE FEMALE: (3)

Jim Sheffner
J & B Longer
Bob Peterson

FEMALES

RED: (6)	BL/GR: (14)	BLACK: (9)
Chester Miarka	R & B Halverson	J & V Wilson
Chester Miarka	S & B Miller	J & V Wilson
Chester Miarka	Eugene Wiatzka	J & V Wilson
Arthur Hintz	T & P Allen	J & V Wilson

AOC: (19)

J & V Wilson
Rich Bader
Frank Barta
Frank Barta

H/B RED: (5)

Jim McCarty
Jim McCarty
S & B Miller
Disq.

H/B AOC: (10)

E & W Cooney
Jim McCarty
E & W Cooney
R & B Halverson

GOLD: (11)

J & J Bardoun
J & J Bardoun
Jim McCarty
Ray Winkler

I. F. G. A. POINT STANDINGS AS OF APRIL 8, 1984

RED CLASS	PTS	BLUE CLASS	PTS
1 John O'Brien	882	1 Joe Smith	420
2 Paul Gorski	448	2 B & K Curran	192
3 Stan Shubel	84	3 Stan Shubel	154
3 M & D Lastella	84	4 T & P Allen	140
		4 M & D Lastella	140
GREEN CLASS	PTS	BLACK CLASS	PTS
1 M & D Lastella	518	1 J & V Wilson	546
2 Rev. Lloyd Groenke	406	2 Louis Wasserman	168
3 Paul Gorski	322	3 Jerry Horton	140
4 T & P Allen	98	4 Reginald Day	126
4 R & B Halverson	98		
MULTI CLASS	PTS	PURPLE CLASS	PTS
1 Bev Richmond	742	1 M & D Lastella	546
2 Frank Schulterbrandt	294	2 T & P Allen	504
3 Arthur Hintz	168	3 Eugene Golimowski	266
4 Jim Jirku	84	4 J & V Wilson	112
4 Charlie Zesch	84		

STANDINGS.....

AOC CLASS	PTS	YELLOW CLASS	PTS
1 Stephen Sparrow	602	1 Frank Schulterbrandt	140
2 S & B Miller	154	2 Ray Winkler	84
3 Jim Thale	70	3 Frank Orteca	70
3 Mark Miarka	70	3 Everett Gold	70

GOLD CLASS

Eugene Golimowski 448
2 Jim McCarty 56
3 -- --
4 -- --

ALBINO CLASS

1 James Coleman, Jr. 798
2 F & I Chang 196
3 Warren Burke 182
4 -- --

BRONZE CLASS

1 T & P Allen 518
2 J & V Wilson 308
3 Rich Bader 196
4 Eugene Golimowski 84

RED BICOLOR CLASS

1 Bev Richmond 574
2 Mark Miarka 238
3 Jim Jirku 210
4 Bob Peterson 126

BLUE/GREEN BICOLOR CLASS

1 David Niedzialkowski 994
2 Stephen Sparrow 182
3 P & M Tedesco 70
4 David Polunas 56
4 M & D Lastella 56

AOC BICOLOR CLASS

1 Jim Jirku 966
2 Stan Shubel 140
3 Paul Gorski 112
4 Eugene Golimowski 98

H/B RED CLASS

1 Vic Piteo 770
2 Louis Wasserman 388
3 Harold Armitage 112
4 Eugene Golimowski 84

H/B BLUE CLASS

1 M & D Lastella 476
2 Louis Wasserman 238
3 A & R Wagner 154
4 J & M Mackey 126

H/B PASTEL CLASS

1 Darrell Johnson 588
2 James Kolb 294
3 Andy Thornhill 84
4 Rich Serva 70
4 Louis Wasserman 70
4 B & K Curran 70

H/B AOC CLASS

1 Stephen Kwartler 1064
2 M & D Lastella 238
3 P & M Tedesco 70
3 J & V Wilson 70
3 L & S Blaylock 70

H/B YELLOW CLASS

1 Charlie Zesch 686
2 Andy Thornhill 210
3 J & B Longer 140
4 Jim Thale 140

SNAKESKIN CLASS

1 M & D Lastella 630
2 Rich Bader 602
3 T & P Allen 560
4 Frank Orteca 294

SWORDTAIL CLASS

1 Jim Thale 1288
2 J & V Wilson 182
3 Karl Liedl 140
4 Don Saurers 98

RED FEMALE

1 Chester Miarka 196
2 Arthur Hintz 84
3 Ray Winkler 70
4 Harold Bryant 42

BL/GR FEMALE

1 S & B Miller 196
2 T & P Allen 84
3 R & B Halverson 70
4 Eugene Wiatzka 42

AOC FEMALE

1 Rich Bader 112
1 Jerry Horton 112
3 J & V Wilson 70
3 Frank Barta 70

STANDINGS.....

BLACK FEMALE

	PTS
1 J & V Wilson	266
2 Jerry Horton	84
3 Bonnie Campbell	42
4 --- --	--

H/B FEMALE

	PTS
1 Jim McCarty	182
2 S & B Miller	112
2 E & W Cooney	112
4 Leonard Buttafuoco	70

BREEDER FEMALE

1 J & V Wilson	252
2 T & P Allen	210
2 Rich Bader	210
4 S & B Miller	168

MALE GRAND OVERALL

1 M & D Lastella	2310
2 T & P Allen	980
3 Louis Wasserman	910
4 Charlie Zesch	770
5 Stephen Kwartler	700
5 Bev Richmond	700
7 Stephen Sparrow	630
7 James Coleman, Jr.	630
9 J & V Wilson	560
9 John O'Brien	560

GOLD FEMALE

	PTS
1 J & J Bardoun	126
2 Warren Burke	70
3 Irwin Solomon	56
4 Jim McCarty	42
4 Don Saurers	42

BREEDER MALE

	PTS
1 Joe Smith	770
2 M & D Lastella	630
3 Louis Wasserman	560
4 -- --	--

FEMALE GRAND OVERALL

1 J & V Wilson	455
2 Ray Walker	420
3 E & W Cooney	245
4 T & P Allen	210
4 Rich Bader	210
4 Jerry Horton	210
7 J & J Bardoun	140
7 S & B Miller	140
9 Warren Burke	70
9 Leonard Buttafuoco	70
9 Chester Miarka	70
9 R & B Halverson	70
9 Jim McCarty	70
9 Jim Sheffner	70

VIEWPOINT FROM A NOVICE

by Bill St. Clair
Gateway Guppy Association

I have just returned from the "second" first show of the season. While the Annual Show is considered the first show, I think it is impossible to convince your mind and body that you are not really at the starting block - primed and ready for the race to begin in April. I still am not ready to show and yet I was becoming increasingly anxious with each passing day as show time came closer.

Now that I am a veteran of two out of town shows, one thing very quickly becomes obvious. Hospitality and friendliness is in no way geographic -- they are just synonymous with a guppy club. Everything about the weekend was great!! To Maumee Valley I send a very sincere congratulations and Thank You.

During the weekend I spoke to three different people that were "guppy nuts", living some distance away and not involved with any club. Each had guppies but had never shown. As a novice to the hobby I know from experience about the qualms and anxiety of showing that first time. I have these feelings despite the fact that I am surrounded by very experienced and talented breeders that are totally and continuously supportive and helpful. If I (in my very healthy learning environment) feel this way, how must the novice totally on his own feel??

VIEWPOINT FROM A NOVICE.....

For those of you that feel that hesitation to show or uncertainty about the quality of your guppy, may I make a suggestion? Make plans to attend a show and when you go, take a few of your fish with you. On your arrival, approach a member of the host club and request that they find you a qualified judge or experienced breeder that would be willing to talk to you privately to evaluate your fish and perhaps make breeding suggestions. I am confident that any club would be happy to find you that help and advice. Be sure to explain to the person provided that it is an honest and candid critique that you want. You may well have a show winner on your hands and not know it. On the other side of the coin, there may be something lacking in your guppies that you are not seeing. In either case it is an important learning situation. Well worth your time. We in St. Louis look forward to seeing you in November.

THE "WASTING DISEASE"

by Stan Shubel
Michigan Guppy Breeders

I receive numerous calls throughout the year asking for information about possible cures or the prevention of fin and tail rot or simply deterioration of the caudal. Second in inquiry would have to be for a disease I call, for lack of a better name "Wasting Disease".

When this disease first appeared I thought it might be itchiponis. And while there are different manifestations of this disease including pigment loss and body changes it did not display the classic symptom usually apparent in guppies namely the twirling effect in the males. This is caused by the disease attacking the motive portion of the brain throwing the fishes equilibrium off.

This has been around for quite a while and, as the unfortunates who's fish-rooms it has visited have found, very hard to cure. In fact, once it reaches a certain stage the fish are doomed. A brief description is as follows: Initially the fish become listless in movement and feeding. The next stage is that while they come to the front of the tank to eat and appear to be eating - they pass underneath the food without ingesting any or at the most very little. If unchecked within a few days they will become thinner and torpedo shaped.

It is a very slow progressing disease with the fish living for weeks or even months before they die, but once the older fish have deteriorated to the skinny stage you might as well destroy them and completely clean the tank and filter with chlorox. When I first ran into this disease, I figured no problem - I just would use some of my "sugar combination medications" and they would take care of it. Well they didn't work - then I tried anti-biotics in various combinations and strengths with the same results. Stronger medications met with the same fate - zero.

It is a somewhat unusual disease in the fact that it infects all age groups and both males and females. Most of our fish diseases are more selective and easier cured or prevented. Anyway, the next time it hit my tanks I immediately stopped all feeding for three days. On the fourth day I cautiously fed very lightly, they ate all the food. Under close control I was able to save about 60% of this tank. Subsequently, I found this was the only effective method. On young fish, under 6 weeks, feed them only baby brine and most of the time they will pull out of it. Once they are back to normal in appearance and actions you can resume dry food feeding also. The fish won't be as hardy as usual but they can be used for breeding or show.

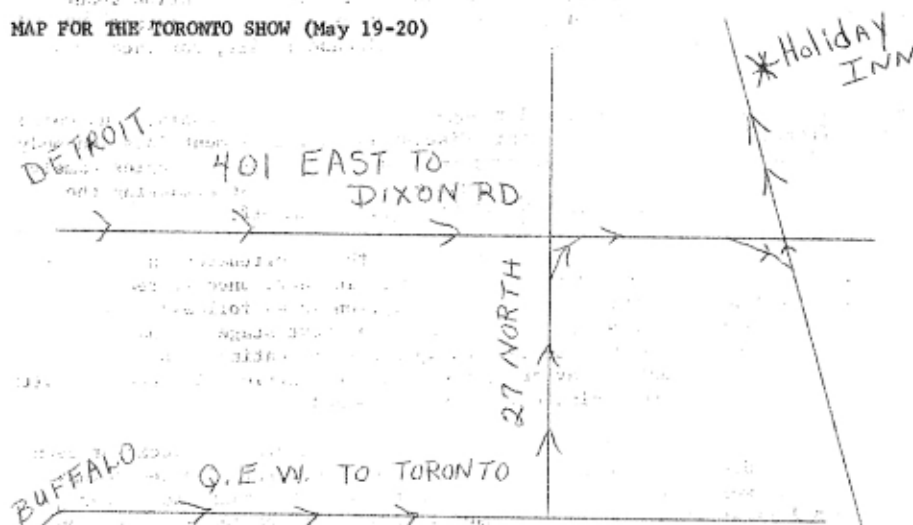
THE "WASTING DISEASE".....

As to the cause of the disease, I believe it is from air borne spores, affecting fish in a weakened condition or under certain tank conditions which are conducive to the propagation of the disease. I have not been able to trace it back to any food or other material.

In summary of this nasty one: Observe your fish closely and if they act strange - stop feeding entirely for at least three days. Watch your feeding and tank care from that point on. You should be able to eliminate it or at least keep it under control. The only good thing about it is that it doesn't take any costly medication to clear it up. But it can sure mess up months of work if you don't catch it in time.

Footnote: This will appear in Stan's forthcoming book. He also reports that since he has written this article he has come up with a treatment that shows some definite promise but will need more testing to be sure.

MAP FOR THE TORONTO SHOW (May 19-20)



From Detroit take the 401 East to Dixon Road Exit and take Dixon Rd. (North) West to the Holiday Inn.

From Buffalo take the Q.E.W. to the 27 North and exit on the 401 East to Dixon Road.

Please Note: The fish show and auction are free. You do not have to have a convention ticket to attend the fish show, auction and hospitality room.

Tom Allen

TROPICAL FISH FOODS-MEDICATIONS

MARINE or FRESHWATER

"The finest in fish foods from around the globe"

Ted Lobello

PRODUCT	ITEM DESCRIPTION	SIZE	PRICE	QTY	EXT

FAV-RIT PRODUCTS	EARTHWORM PLUS	3 1/2 OZ.	\$ 3.50		
	EARTHWORM PLUS	14OZ.	\$ 7.50		
	EARTHWORM PLUS	5 LB.	\$35.00		
	STAPLEFLAKE	3 1/2 OZ.	\$ 3.50		
	STAPLEFLAKE	14 OZ.	\$ 7.50		
	STAPLEFLAKE	5 LB.	\$35.00		
	GOLDFISH FLAKE	3 1/2 OZ.	\$ 3.75		
	GOLDFISH FLAKE	14 OZ.	\$ 8.00		
	GOLDFISH FLAKE	5 LB.	\$37.00		
	BABYFOOD	1 OZ.	\$ 1.75		
	BABYFOOD	1 LB.	\$ 9.00		
	SHRIMPPELLETS	14 OZ.	\$ 4.00		
	SHRIMPPELLETS	10 LB.	\$33.00		
	OSCAR PELL.(FLOAT)	14 OZ.	\$ 4.00		
	OSCAR PELL.(FLOAT)	8 LB.	\$27.00		
	OSCAR PELL.(SINK)	14 OZ.	\$ 4.00		
	OSCAR PELL.(SINK)	10 LB.	\$33.00		
	GOLDFISH PELL(SINK)	14 OZ.	\$ 4.00		
	GOLDFISH PELL(SINK)	10 LB.	\$33.00		
	GOLDFISH PELL(FLOAT)	14 OZ.	\$ 4.00		
	GOLDFISH PELL(FLOAT)	8 LB.	\$27.00		
	CICHLID CHOW	14 OZ.	\$ 4.00		
	CICHLID CHOW	10 LB.	\$33.00		
	EAT--LIQUID VITAMINS	1 PT.	\$10.00		

FINTASTIC	GUPPY-GRO	450 GM.	\$ 6.90		
	GUPPY-GRO	4 LB.	\$21.25		
	VITA-GRO	450 GM.	\$ 6.90		
	VITA-GRO	4 LB.	\$21.25		
	PRO-GRO	450 GM.	\$ 6.90		
	PRO-GRO	4 LB.	\$21.25		
	BABY-GRO	450 GM.	\$ 6.90		
	BABY-GRO	4 LB.	\$21.25		
	DAPHNIA	25 GM.	\$ 5.50		
	DAPHNIA	60 GM.	\$ 3.40		
	SPIRULINA FLAKES	200 GM.	\$ 7.50		
	SPIRULINA FLAKES	500 GM.	\$13.90		
	SPIRULINA FLAKES	500 GM.	\$13.90		
	HATCHING CATALYST	60 ML.	\$ 2.50		

NUREX	BABY PLANKTON	3/4 OZ.	\$ 4.50		
	MED-FINE PLANKTON	3/4 OZ.	\$ 2.75		
	MED-FINE PLANKTON	1 1/2 OZ.	\$ 5.00		
	MEDIUM PLANKTON	1/2 OZ.	\$ 3.00		

SHOBEL	MASTER GUPPY BLEND	8 OZ.	\$ 8.00		
	MASTER GUPPY BLEND	1 LB.	\$15.00		

PEERSKILL	LIVER PASTE FOOD	1 OZ.	\$ 1.39		
	FISH PASTE FOOD	1 OZ.	\$ 1.39		

RANAD	VITAMIN BRICKS	3	\$ 1.25		
	VITAMIN BRICKS	36	\$12.00		

AQUATIC SPECIALTIES	FISH NETS(2 IN.)	1	\$.75		
	FISH BAGS(5X12)	100	\$ 4.00		
	FISH BAGS(5X12)	500	\$13.00		
	FISH BAGS(5X12)	1000	\$22.00		
	FISH BAGS(10X18)	50	\$ 4.00		
	FISH BAGS(10X18)	100	\$ 6.50		

PRICES EFFECTIVE APRIL 1, 1984 AND
SUBJECT TO CHANGE WITHOUT NOTICE.

AQUATIC SPECIALTIES

PRODUCT	ITEM DESCRIPTION	SIZE	PRICE	QTY	EXT
SEASON	GUPPY FLAKE FOOD	2 OZ.	\$ 1.90		
	GUPPY FLAKE FOOD	14 OZ.	\$ 7.50		
	GUPPY FLAKE FOOD	4 KGS.	\$65.00		
	COLOR FLAKE FOOD	2 OZ.	\$ 1.90		
	COLOR FLAKE FOOD	14 OZ.	\$ 7.50		
	COLOR FLAKE FOOD	4 KGS.	\$65.00		
	FD TUBIFEX WORMS	30 GMS.	\$ 3.25		
	FD TUBIFEX WORMS	110 GMS.	\$ 9.50		
	FD BRINE SHRIMP	25 GMS.	\$ 2.25		
	FD RED BLOOD WORMS	10 GMS.	\$ 3.50		

----- AQUATIC SPECIALTIES SAMPLER -----
 3 1/2 OZ. EACH OF FAV-RIT EARTHWORM PLUS AND STAPLEFLAKE,
 1 OZ. FAV-RIT BABYFOOD, 2 OZ. SEASON GUPPY FOOD \$10.00

----- FINTASTIC SPECIAL -----
 450 GM. EACH OF GUPPY-GRO, VITA-GRO, PRO-GRO, BABY-GRO \$25.00

----- BREEDER SPECIAL -----
 5 UNITS 450 GM. OR LARGER OR 14 OZ. SIZES RECEIVES A
 10% DISCOUNT OFF OUR REGULAR LOW PRICES.

NAME -----
 ADDRESS -----
 CITY ----- STATE ----- ZIP -----

PHONE (INCLUDE AREA CODE) -----

SEND ORDERS TO: AQUATIC SPECIALTIES
 50 DERBY LN.
 ORLAND PARK, ILL 60462
 312-349-9326

PAYMENT MUST ACCOMPANY ALL ORDERS.
 TOTAL AMOUNT ORDERED -----
 LESS DISCOUNT (IF APPLICABLE) -----
 ILL. RESIDENTS TAX 7% -----
 POSTAGE & HAND LING -----
 (\$3.00 ON ORDERS UNDER \$30.00)
 (\$2.00 ON ORDERS OVER \$30.00)
 TOTAL ORDER -----

PRICES EFFECTIVE APRIL 1, 1984 AND SUBJECT TO CHANGE WITHOUT NOTICE.

AQUATIC SPECIALTIES
 50 DERBY LANE
 ORLAND PARK, ILL. 60462
 312-349-9326

THE SOUTH JERSEY GUPPY GROUP
 1984 IFGA Sanctioned 7 Point Show
 &
 Breeders Auction

LOCATION: Howard Johnson's Motor Lodge, Saddle Brook, New Jersey

DATE: June 23-24, 1984

SCHEDULE: Saturday, June 23 Sunday, June 24
 8:00 A.M. Entries open 11 A.M. Awards
 12:00 P.M. Entries close 11:30 A.M. Auction
 1-3 P.M. Meeting 12:00 P.M. Debenching
 Show open to public
 6:30 P.M. Judging
 Hospitality Room opens after judging and closes at 1 A.M. by request of the motel.

Presenting 77 classes of competition open to everyone. Membership in a club or association is not necessary. There is competition in Delta, Veil, and Sword-tail males; Single Females, Matched Males and Matched Females. Three Novice classes are also available.

The exhibition is open to the public on Saturday afternoon. A Breeders Auction will follow the presentation of awards on Sunday, the 24th. The auction will consist of guaranteed trios of breeding stock from the club and pairs of fish from the show-bench. If you have not been to an International Guppy Show, you should not miss this one. We expect guppies from all over the world and from all the famous breeders who compete in IFGA sanctioned shows.

RULES:

1. All entries must be born and raised by the exhibitor in the exhibitor's tanks.
2. Entries will be judged visually by the judging teams in accordance with current IFGA standards. The decision of the judges will be final.
3. Overhead frontal fluorescent lighting will be used with a black background.
4. The novice classes are open to anyone who has never won a first place in an IFGA sanctioned show.
5. Exhibitors will determine the classification of their entries. If in doubt, a special UNCLASSIFIED ENTRY will be allowed, which will be classified by a special team of IFGA judges prior to official judging. This in no way will guarantee the entry protection from disqualification, since color changes may still take place after classification.
6. Under no circumstances will any committee member planning to participate in judging offer the exhibitor any individual advice on classification.
7. Single entries will be exhibited in 2 Qt. drum bowls, tank and breeder entries will be exhibited in 2 Gal. tanks.
8. No entries will be removed from the show until 12 P.M. on the 24th. At that time no one will remove entries except the show committee.
9. No gravel, plants, decorations, bowl markings, or colored water will be allowed. Failure to observe this rule will result in the entries not being accepted.
10. Return postage must accompany fish to be shipped back.
11. Neither the SJGG nor the management of Howard Johnson assume any responsibility for the loss or damage to any entry, although every precaution will be taken to prevent such losses.

AIRMAIL SPECIAL: Must be received by Friday morning, June 22nd. Send to:
 Barbara Hirth, 40 Redwing Ave., Bricktown, New Jersey 08723

S.J.G.G. RULES.....

AIR FREIGHT: Into Laguardia Airport, New York. Must be received by Friday, June 22nd. P.M. Send to: Andy Pineiro, 54-42-64th St., Maspeth, New York 11378
Mark packages Call On Arrival - (212) 507-6488

77 CLASSES:

<u>Tank</u>	<u>Delta</u>	<u>Delta/Veil Combined</u>
Red	Red	H/B Gold
Blue	Blue	Bronze
Green	Green	Gold
Purple	Purple	Albino
Black	Black	H/B Yellow
Multi	Multi	1/2 Pink Bodied
Yellow	Yellow	
H/B Red	H/B Red	<u>Miscellaneous</u>
H/B Pastel	H/B Pastel	Swordtail
H/B Blue	H/B Blue	
H/B AOC	H/B AOC	<u>Female</u>
H/B Gold	Blue/Green Bi	Red
H/B Yellow	Red Bi	Blue/Green
Blue/Green Bi	AOC Bi	Black
Red Bi	AOC	H/B Red
AOC Bi	Snakeskin Solid	H/B AOC
Bronze	Snakeskin Varig.	Gold
Albino		AOC
AOC	<u>ALL VEIL CLASSES</u>	
Swordtail	<u>SAME AS DELTA</u>	<u>Novice</u>
Snakeskin Solid		Male
Snakeskin Varig.		Female
Gold		Tank
1/2 Pink Bodied		

BREEDERS

Breeder Male - 5 matched males
Breeder Female - 3 matched females

ENTRY FEES:	Single males and single females	\$1.50
	Tanks - 2 matched males	\$2.50
	Breeder male and Breeder female	\$3.50

AWARDS: Second, third, fourth places will receive IFGA award cards.
First Place, 1st-4th Best of Show and Breeder classes will receive plaques.

AUCTION: Females must accompany any male auction fish. 50-50 split between club and exhibitor. Club member Breeder Auction to follow show. Guaranteed true breeding trios.

Motel Reservations: Barbara Hirth (201) 477-7053. Double or single both - \$42.00
Call by June 15th please.

The South Jersey Guppy Group is a club which promotes the raising and breeding of fancy guppies. We welcome everyone interested in the hobby to our meetings. Meetings are held on the 3rd Sunday of each month (except July and August).
Time: 1 P.M. - Place: YMCA 230 Mercer St., Hightstown, N.J. (Exit 8 on the N.J. Turnpike).

S.J.G.G. RULES.....

For more information on the club contact:

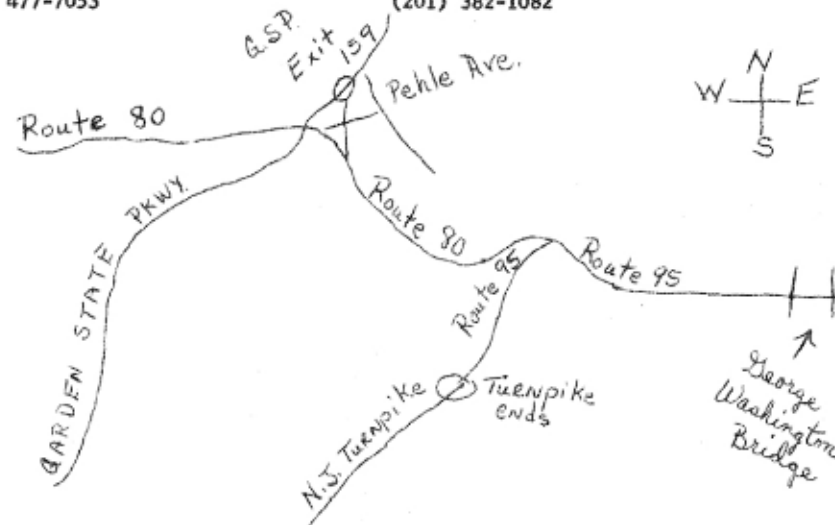
Dave Polunas
North Jersey area
(201) 526-2417

Dennis Hirth
South Jersey area
(201) 477-7053

Paul Blood
Philadelphia area
(215) 634-1112

Mike Regent
Central Jersey
(201) 382-1082

MAP:



Howard Johnson Motor Lodge
Garden State Parkway Exit 159 - meets Interstate Route 80
129 Pehle Ave.
Saddle Brook, New Jersey 17662
Phone: (201) 845-7800

AIR TO SPARE

by Reginald Day
Heartland Guppy Club

Several of our members have purchased small compressors recently at local garage sales. These compressors, which are actually resperators, are sent home with influenza victims and people with breathing related problems by the local Veterans hospital. After the patients are finished with them they find their way into garage sales and flea markets. These compressors are easily converted to fish room use, are reasonably quiet and furnish more than enough air for most large fish rooms. Last but not least these resperators can usually be picked up at a very reasonable price. If you have a Veterans Hospital near you, you might keep an eye out for one of these in your area.



GUPPY ASSOCIATES OF MILWAUKEE
IFGA Sanctioned 7 Point Show
July 21-22, 1984

LOCATION: Echo Bowl, 5400 N. Port Washington Road, Glendale, Wisconsin

SCHEDULE: Saturday, July 21, 1984 Sunday, July 22, 1984
 9:00 A.M. Entries Open 10:00 A.M. - 1:00 P.M. Open to Public
 4:00 P.M. Entries Close 12:00 Noon Awards
 6:00 P.M. Judging 1:00 P.M. Awards
 1:30 P.M. Debanching

RULES:

1. All entries must be registered by 4:00 P.M. Saturday.
2. Fish will be judged visually in accordance with IFGA rules. Uniform black background will be used throughout.
3. Exhibitors to determine the class in which their entries will compete. Assistance in classification will be available at the time of registration.
4. All entries improperly entered will be disqualified and will not be judged.
5. Every precaution will be taken against loss or hazard of any kind but neither GAM nor the Echo Bowl can assume responsibility for the same.
6. Tanks will be furnished. No gravel, plants or decorative items will be allowed.
7. No fish will be removed from the show area until after the awards presentation, and then only by persons authorized by show chairperson.
8. All entry fees must be prepaid. No entry fees will be refunded after fish are benched. A silent auction will start Sunday at 10:00 A.M. and end at noon. Exhibitors should indicate fish for auction at the time of registration. Only entered fish will be auctioned. Forty per cent of all floor sales and auction fish will be retained by GAM.

ENTRIES:

Single entries - To consist of 1 male or 1 female shown in $\frac{1}{2}$ gallon drum bowls. One female may be added to the male entry but only the male will be judged.
 Tank entries - To consist of 2 matched males shown in $\frac{1}{2}$ gallon tanks. One female may be added but will not be judged.
 Breeder males - To consist of 5 matched males shown in $2\frac{1}{2}$ gallon tanks. Two females may be added but will not be judged. All will be judged as one class.
 Breeder females - To consist of 3 matched females shown in $2\frac{1}{2}$ gallon tanks. All will be judged as one class.
 Novice class - Open only to those who have never won a 1st place in an IFGA show.
 No point class - "Milwaukee Special" - Three UNMATCHED males. (Matched in all aspects except color).

ENTRY FEES:

Single male and single female	\$1.50
Tanks - 2 matched males	\$2.50
Breeder male and breeder female	\$3.50
"Milwaukee Special"	\$3.00

AWARDS: First Place winners will receive rough cut onyx trophies
 Second, Third and Fourth Places will receive IFGA Award Cards
 First Place "Best of Show" - male, female and tank will receive a walnut and onyx plaque
 Second, Third and Fourth Place "Best of Show" will receive a wall plaque

GAM RULES.....

CLASSES:

<u>TANK</u>	<u>DELTA</u>	<u>DELTA/VEIL COMB.</u>	<u>BREEDERS</u>
Red	Red	Albino	
Blue	Blue	Bronze	5 Matched Males
Green	Green	Gold	3 Matched Females
Purple	Purple	Yellow	
Black	Black	Single Sword	<u>MILWAUKEE SPECIAL</u>
Multi	Multi	Double Sword	
AOC	AOC	Novice	3 Unmatched Males
H/B Red	H/B AOC		(Matched in all aspects except color)
H/B Blue	H/B Red	<u>FEMALE</u>	
H/B Pastel	H/B Pastel		
H/B Yellow	H/B Blue		
H/B AOC	AOC Bicolor	Red	
Red Bicolor	Red Bicolor	Black	
BL/GR Bicolor	Bl/Gf Bicolor	Gold	
AOC Bicolor	Snakeskin Varig.	Blue/Green	
Snakeskin Solid	Snakeskin Solid	AOC	
Snakeskin Varig.	H/B Yellow	H/B AOC	
Yellow		H/B Red	
Bronze	<u>ALL VEIL CLASSES</u>	Novice	
Gold	<u>SAME AS DELTA</u>		
Albino			
Single Sword			
Double Sword			

SHIPPED IN ENTRIES:

1. All shipped in entries must be received by Friday morning, July 20, 1984. Late arrivals cannot be picked up at the airport after 11:00 A.M. Collect shipments will not be accepted. Sufficient return fare must be included if fish are to be returned or fish will be auctioned. All entry fees must be prepaid.
2. Air Mail-Special Delivery - Ship to:
 Richard Wagner
 % Trophy Athletic Supply Co.
 1021 North 3rd Street
 Milwaukee, Wisconsin 53203
3. Air Freight - Ship to Milwaukee Airport
 Mark - Call on Arrival - David Niedzialkowski
 541-9947 or 444-6610
 4366 South 47th St.
 Milwaukee, Wisconsin

ACCOMMODATIONS:

Please make room reservations prior to July 1, 1984 to be sure of accommodations at the show site. 25 rooms will be held for Saturday night only. If you need additional lodging please call earlier.
 For Reservations Call - 1-800-HOLIDAY
 Rooms have been reserved at the Holiday Inn, 5423 North Port Washington Road.
 PRICES: \$43.00 single, \$49.00 Double
 FOR ADDITIONAL INFORMATION - CALL SHOW CHAIRMAN - James E. Schroeder-(414) 453-8746
 908 South 109th Street
 West Allis, Wisconsin 53214

WHAT'S FOR SUPPER?
Subject: Earthworms

from George McCroskey

Using earthworms as fishfoods is not very new. It just has never been very popular even though some surprising results have been seen in its use as a fish food. For one example: A Dr. Eugene Larr of the California group known as the Pan Pacific Guppy Association, made and published the results of some of his experiments in their club publication (The Guppy Roundtable) away back in September, 1969. I remember this as it caused a lot of discussion among guppy people of this area at the time. Apparently, as the article said, of all the foods normally that can be used as guppy foods, earthworms came in an easy first. Brine shrimp were second and all the others came in further down the chart.

Although many people did use the worms on an experimental basis, none kept it up for very long...at least as far as I know. The methods to make this as a convenient and easily used food were just not popular although the worms themselves are quite easy to obtain, and for very little money, in most areas that have soil that is not sandy or rocky, or not too acid. Even these problems can be overcome as you can readily read in the advertising sections of most magazines. You can buy worms (via mail order) in any amount, or even subscribe to methods "guaranteed" to make you a "Worm Farmer". Some people around this way make night crawlers a moonlighting job by catching them in public parks and golf courses at so much a gallon. These are to be used as fish bait, as compared to fish food.

In some very old fish magazines that I have filed, devices are seen that are two metal plates with graters that are supposedly used to reduce earthworms to a ground state for feeding tropical fish. These days, if you are not too squimish, an electric blender does it a bit quicker and simpler---but almost as messy overall. One small step comes first, however. The live worms should be "scoured" of the soil they contain internally. This simply means the worms are kept in a non-soil medium for some days until they naturally clean themselves of the earth from which they derive their name. Otherwise they can make an extremely water polluting food. The ones who have used earthworms all say the same. You grind the worms to a semi-paste, wash this if it needs it, then freeze it into thin sheets very similar to that done with beef heart to which it resembles. To feed you break off small pieces. The ground worms spoil quickly even with refrigeration.

In England, at least some years ago, worms were a very staple fishfood. Even fly maggots were used and sold commercially as such. Some of the available commercial fishfoods labeled themselves as containing dehydrated earthworms. This was also true in the U.S., when I was a boy and the family living room had a bowl of goldfish - the wafer food sold at stores listed earthworms by the gram and they may still do as far as I know, but admittedly, I am vague on this.

In my own private opinion, to use earthworms as a fishfood, you must feed them in a state to where they are no longer a "live food". To me this automatically puts them in the realm of all the other dried, or dehydrated foods and therefore, somewhat deficient in their use. However, to modify this statement a little, it just may be possible someday to see a growth food made up of a blend of frozen worms and brine shrimp. This of course, may be forced on fish people when the price of brine shrimp eggs becomes out of the reach of the pure hobbyist.

WHAT'S FOR SUPPER?.....

from Warren Burke

Big Apple Guppy Group

The proper time and season is from April to October to raise earthworms and your backyard is the ideal place. Especially if you have a grass lawn. What you do first is to mark out a spot 4ft. X 5ft; without harming your lawn. Then chop out the grass in sections and place aside for later use. Dig down about 4ft. so the sun will not penetrate and overheat the nesting or brooding home. Place on the bottom and sides a fine aluminum screening, thus boxing in the hole. From the dirt already taken out we gather a dozen worms or so and place these into the man made box. Carefully covering them with the dirt loosely, top this off with the sod pieces you took earlier. This sod can be packed down to keep it in place.

After this is all done water the lawn thoroughly and continue to do so for a month. Keep in mind the earthworms breed very rapidly if not disturbed in any way. By this method you can be sure of a fresh supply at all times and they will breed for years to come. By watering the sod this way you not only keep the grass nice but bring the worms to the surface to be caught without disturbing their nest. Put aside a plastic shoe box or any other plastic container filled with earth, straw or dried grass. Always keep this moist but not too wet. Earthworms only eat on the roots of grass never the tops. Remove enough worms so you do not run out for at least a month. When the frost sets in forget them til spring. Always remove the very young - save the older ones for breeding.

NEXT MONTH'S WHAT'S FOR SUPPER? - Beef Heart

QUESTIONS & ANSWERS

April's Question of the Month - Disposing of culls.

ANSWER

from Peter Tedesco
Fancy Finney Friends

This is a very interesting question. Sometimes when it comes to culling I find it very difficult to throw fish out. Especially some of my blue-greens and bi-colors that do not always show their full color until they are about 3½-4 months old, maybe 5 months in some cases. The more darker strains like H/B AOC, AOC, H/B Blues, H/B Reds are easier. So if I am undecided, I put them in a tank all by themselves.

I also breed some cichlids, so I feed my culls to them. I do go out of my way to call up the pet shops to give them my unwanted guppies. One shop owner said I could bring them in anytime. The other shop owner wants to be there when I bring them in. I do not receive money for my guppies, but rather exchange them for goods or other items I may need. I also bring some of them that are still able to produce show winning guppies to our club meetings and donate them for the auction. I give them to the children in my daughter's school that have aquariums at home and want some color in their aquariums. If I can not trade, sell, give them away or feed them to my cichlids I just throw them out or flush down the drain. When you are constantly breeding as we all do you need tank space as quickly as possible. You can never have enough tank space. One day you may have six empty tanks - the next day none.

May's Question of the Month: What type of plants do you have in your tanks with your guppies?

This is subject that has been written about many times in the past, and I hope will be written about many times in the future. This is one of the most important items in our fish rooms. In order to be able to raise good fish you are going to have to use a filtration system of some sort. Obviously some thought should be given before you decide on one type or another. One needs to sit down and determine what his requirements are, and how much time they are able to spend maintaining them. Regardless of what some manufacturers claim, all filters do require some form of maintenance. You also need to make water changes too. I have seen some filters that advertised in the past something to the effect never change water again. You can believe this if you like but you will have to change fish on a fairly regular basis if you do. This could be expensive.

I, myself, use three different types of filters. I think that almost all filters are good, but some are better suited for certain purposes. One that I don't use is a power filter that runs all the time. These are good filters, but you have to watch your water level a little closer. I like to keep my water level about two inches below the top of the tank and this will barely maintain the syphon on most outside power filters. With my water level down like this fewer fish jump out or worse yet from tank to tank. One power filter that I do use once in awhile is a Dynaflo. It does an excellent job in a short period of time. I get lazy once in awhile (no more than 365 days a year though) and do use a Dynaflo, and in about ten minutes I can tell whether that is a tank of guppies or oscars.

The first filter I use is a box filter, preferably one that utilizes an air defuser of some type. This type of filter does two things. It filters the water and the fine bubbles help to disperse some of the gases that build up in an aquarium. Another thing that this does is that it allows you to change larger amounts of water without adding chemicals to break down the chlorine. The agitation breaks it up fairly quickly. I change water in two manners: Some tanks I change a third and add a third tap water - in other tanks I change 75% and add a third of what is left daily until full again. This latter method is something that I just started to do this past year. It is too soon to say if it is a better method or not. It does not seem to hurt anything, but I will know a little more about this after a couple of generations of fish are raised doing this.

The second filter that I use is a sponge filter. Jungle makes some very good ones or if you are ambitious and want to make your own you can. They can all be about equal. Regardless of what route you decide to take with sponge filters there are some things that you need to be aware of. The first is that sponges should not be cleaned in bleach. Bleach causes sponges to break down and melt together thus closing up the pores that are needed to absorb dirt, gases, etc. As a matter of fact, if you leave it in bleach over night you will find a much smaller sponge in the morning. This process starts with the first exposure to the bleach and continues until all bleach is removed. Sponges are fairly cheap. If you have a disease problem, throw the sponges away. Should your tank just be dirty quickly rinse the sponge off in tap water and return to the tank. With the exception of fry tanks I rarely use the sponge filter. I like to use a box filter in conjunction with them. The box filter will pick up some of the larger particles of dirt in the tank which a sponge obviously can't get.

The third type of filter that I use quite a bit is the undergravel filter. I am aware that most guppy people don't like them. I have found however, that plants do much better with this type of filtration system. Plants make a tank look attractive and I like the appearance that can be attained with that type of tank. One must keep in mind that the undergravel filter is similar to a septic tank and you

know that they need to be cleaned from time to time. The way that I manage to do this is one week I will siphon water through the left side air lift tube. The next week I will do the same on the right side. The third week I will siphon some of the gravel from the left side and rinse it off in a bucket until the water is clear. Then I will return that gravel to the tank. The next week of course, I do the opposite side. By doing this I am able to maintain a good biological balance and still be assured of keeping a healthy tank for my fish and plants to thrive in.

Regardless of what type of system that you may decide to go with, you need to be aware that in a fresh tank it takes anywhere from sixteen days to a month for that filter to be doing a good job of filtering. It takes this long for the filter medium to develop the nitrifying bacteria to cleanse the harmful gases, etc. from your water. In an established tank it takes considerably less time since some of this nitrifying bacteria does exist on the glass, plants, or decorations that may be in the aquarium.

I hope that my observations have been of some help to someone out there. I am sure that there are some that may disagree with some of the things I have said. To those people put it on paper and send it to Ann. By doing this we can all benefit by your knowledge. I for one am willing to listen to any good idea, and if I see merit in it you can bet I will try it. I may even write about it before you do. So you better get out your pen and start writing today.

BADER'S BLOTTER

by Ann Bader

As Frank Orteca predicted, in his article last month, the firstshow of 1984 was a blend of old and new faces. This was very evident in the "Best of Show" circle with our dear "old" friend - Elvin Cooney winning Best of Show Female and two newcomers - Dava and Ron Rush (from the Cleveland club) taking Best of Show Male with their Novice entry.

Hosting a show means lots of hard work and every member of MVGA club did their share - but we also had many helping hands from others in the hobby and I'd like to take this opportunity to say a big THANK YOU to the following:

Rose Barta, Vi Golimowski, Pat Allen and Judy Orth for helping with the books ---
 Bill Brandeberry, John Mackey, Paul Blood, Bill and Ellen Schoenbauer, Jim and Deb McCarty who helped with set-up and other aspects of the show.
 "GUPPY" people are special!!!

One thing I'd like to pass along to other clubs who may be hosting a show. MVGA received excellent coverage from the local newspapers and TV stations, which resulted in a good turnout of local people. From this, there were several people who indicated a definite interest in our club. Good advertising can be a big PLUS for getting new members!!

We wish to thank all who helped to make our MVGA show a huge success. It couldn't have been done without the hard work of our club members and the participation of all. A show pulls members together in working toward the same goal. Vicki, one of our members, co-operated so much she waited until the Tuesday after the show to have her baby. Thanks, Vicki and congratulations to you and Jeff.

Jim McCarty-President, MVGA

REPORT ON BREEDING TECHNIQUES OF THE GUPPY PART 4 - BLUES

compiled by Maumee Valley
Guppy Association
(Not for reprint without
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction. This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes. For this issue we will report on the Blues. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Joe Smith - Maumee Valley Guppy Assoc. Tom & Pat Allen - Lombard, Illinois
Mike & Doris Lastella - East Coast Guppy Assoc.
Jamey Magnifico - Maumee Valley Guppy Assoc.
Stan Shubel - Michigan Guppy Breeders

Question 1: Blue Strains represented and their source.

1. Joe Smith - Shubel strain.
2. Doris & Mike Lastella - Regent (Hutter)
3. Stan Shubel - Developed in the 1960's by backcrossing.
4. Tom & Pat Allen - Related to Shubel strain obtained from Rich Bader which was crossed into Parrish blue line.
5. Jamey Magnifico - Two Blue lines: One from Joe Smith and an older line from Rich Bader/Bill Orth.

**** Please note that all of the above lines with the exception of line #2 are all related to the Shubel line. Line #2 comes from the Hutter strain.

FEATURES OF THE STRAIN AS COMPARED TO AVERAGE:

Strains	1	2	3	4	5a	5b
Size	small	aver.	show sz.	larg.	wider	aver.
Tail Width	wider	aver.	60 deg.	wider	wide	good
Dorsal	small	large	good	large	flag	good
Rate of Growth	slow	slow	good	fast	fast	med.
Rate Maturity	slow	aver.	good	early	aver.	slow
Fertility	more	less	good	good	more	fair
Cannibalism	less	aver.	none	less	aver.	aver.
Susceptibility					tail	
To Disease	less	less	fair	less	clamp	aver.

**** All but breeders #2 have a newer than average data and are fertile. All agree that the blues are not susceptible to disease.

BREEDING TRUE:

Strain	1	2	3	4	5a	5b
Time Kept Pure	4 yrs.	9 yrs.	years	5 gen.	2 yrs.	1 yr.
Siblings	--	--	--	yes	*	100%
%Desired Color	99%	99%	95%	90%	*	100%
%With Imperities	2%	20%	5%	10%	*	--
%Diff. Color	0%	1%	--	0%	--	2%

*5a, Line #1 F1, F2, F3, from Joe Smith produced Bicolors, probably water change, but F4 and F5 have been 100% blue.

**** Most of the 5 strains have been kept for many generations. All have a high per cent of the desired color. They breed true with few impurities.

PART 4 - BLUES.....

METHOD OF BREEDING TO MAINTAIN THE COLOR:

Strains	1	2	3	4	5a	5b
Inbreeding:						
Sibling Cross	yes	yes	--	yes	yes	Bader to Orth
Father to Daughter	yes	no	--	--	--	1st Gen.
Mother to Son	yes	no	--	--	--	--
Line Breeding:						
No. of lines	3	2	4	--	1	1
Crossed after						
No. Generations	*	6-8	4-6	--	no	only 1st

*1. Probably 2 times a year.

EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC.:

Strains	1	2	3	4	5a	5b
Foods		slight	--	no	--	--
Chemicals	*	--	--	--	--	--
Trace elements	--	--	--	--	--	--
pH of water	*	*	7.3	7	neutral	same
Comments					*	

*1. Never tried chemicals *b - Don't know pH of water.

*2. Lower pH will temporarily darken color.

*5. I really don't bother with it much other than normal changes.

METHOD OF BREEDING SHOW FISH FROM THIS STRAIN:

Strain	1	2	3	4	5a	5b
Same method as for maintaining the strain	yes	yes	yes	yes	yes	
Controlled hybrids:	no	sometimes	--	yes	--	
Pure Strains?	yes	yes	--	yes	yes	
Always the same two strains:	yes	yes	--	no		

OUTCROSSING - THE EFFECTS ON COLOR:

Strains	1	2	3	4	5a	5b
Blue	--	--	--	good	blue or blue bi	
Green	--	--	--	--	Blue, green, purple	
Red	--	--	--	red bi	red bi	
Multi	--	--	--	--	Multi	
Snakeskin	--	--	--	--	--	
Other	--	--	--	--	--	

*1. Never outcrossed.

*2. When outcrossing to maintain line, I always stay within the color. Example - 2 lines of blues when one is losing desired characteristic I cross to other blue line. This usually enhances color and brings fish back.

*5. These are my results up to now but not with these 2 strains as I have not crossed them yet!

PART 4 - BLUES.....

Question 8 - If all of the strain were lost except one lone male - what would you consider to be the best outcross to make-to preserve the color?

1. Another blue female.
2. Must go to related color - green is the best female to use when all is lost.
3. -----
4. Obviously, the first choice should always be another strain of the same color. Second choice would be a Half Black blue hoping to get some pure blues in the F1 generation.
5. -----

Question 9 - Goals - Picking Breeders and Fry Expectations.

1. To maintain what I have.
2. Breed as close to the standards as possible
3. -----
4. To improve dorsal shape and color.
5. Line #1 - to get the deep blue with a matching dorsal, a little lighter and not as many super wides. Line #2 - To develop a light iridescent blue dorsal strain with medium size.

SELECTING BREEDERS - MALES:

Strain	1	2	3	4	5a	5b
C/R Ratio	--	--	--	no	--	--
Body size	--	aver.	yes	yes	med.	large
Body shape	--	rounded	yes	yes	good	good
Body color	--	best	yes	yes	no red	1 dot
Caudal size	--	proport.	yes	yes	med.	large
Caudal shape	--	60 degree	yes	yes	delta	wide delta
Caudal color	--	most	yes	yes	med. blue	light blue
Dorsal size	--	large	yes	yes	med.	aver.
Dorsal shape	--	3-1	yes	yes	parallel	parallel
Dorsal color	--	*	--	yes	blue	match caudal
Other	--	--	--	--	--	--

*2. Match to caudal usually not largest or best color in tank but best overall.

**** Picking the right male is very important but you have an advantage over the female because you can see their color. Choosing the right dorsal size, shape and color. Choosing the right caudal size, shape and color. Choosing the right body size, shape and color. We hope that by showing you how the top breeders chose their males will help you.

SELECTING BREEDERS - FEMALES:

Strains	1	2	3	4	5a	5b
C/R Ratio	--	--	--	yes	--	--
Body size	small	stocky	--	yes	med.	large
Body shape	short	heavy	yes	yes	stubby	stubby
Body color	clear	--	--	no	--	--
Caudal size	--	--	--	no	med.	large
Caudal shape	--	--	yes	no	box	rounded
Caudal color	--	--	--	yes	lgt. blue	Sp. blue
Dorsal size	--	large	--	yes	small	med.
Dorsal shape	--	--	yes	no	parallel	parallel
Dorsal color	--	yes	--	yes	yes	yes

**** Most breeders agree that the body size and shape should be heavy and stocky. There doesn't seem to be any conclusions that can be drawn with the exception of dorsal color and four out of six believe the dorsal color is important. Breeders state that choosing the female is very important but they do not agree on what is important.

PART 4 - BLUES.....

BREEDING AGES, SIZE OF LITTERS, RATIO OF MALES TO FEMALES:

Strains	1	2	3	4	5a	5b
Age bred M	4-6 mo.	3-4 mo.	4-6 mo.	3-4 mo.	3-4 mo.	
Age bred F	3-4 mo.	3 mo.	4-6 mo.	3-6 mo.	3-4 mo.	
Ave. litter size	30	25	30-100	25-30	30-60	
Ratio M/F	50/50	50/50	50/50	40/60	50/50	

GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES:

Strains	1	2	3	4	5a	5b
Body size	F	M	F	Both	Both	
Body shape	M	M	F	M	Both	
Dorsal size	M	Both	M	Both	M	
Dorsal shape	Both	Both	M	M	M	
Dorsal color	M	M	M	M	Both	
Caudal size	Both	F	F	M	M	
Caudal width	M	F	M	F	M	
Caudal color	Both	M	M	Both	Both	

*1. These requirements will change with every breeder trio set-up, if the color is getting lighter I select darker male and female.

**** All of the breeders agree that the male plays a large part in the dorsal size, shape and color. Breeder #2 thinks that the female also is important in the size and shape of the dorsal. Breeder #1 thinks that the female is important in the dorsal shape, while Breeder #5 thinks the female plays a part in the dorsal color. When it comes to caudal color Breeders #1, 4, 5, believe that both male and female are important. Breeders #2 and 3 believe it is just the male. Please remember that these are just opinions of the different breeders.

Question 13 - Special Problems With This Strain:

1. Males will get long skinny body with extra wide tail.
2. Tail rot.
4. Two problems exist: While the dorsal matches, it is about one shade lighter than the caudal and the dorsal shape also needs improvement.

FAVORED ENVIRONMENTS FOR KEEPING THIS STRAIN:

Strains	1	2	3	4	5a	5b
Salt	no	*	--	*	yes	
Spec. diet	no	--	yes	--	--	
Spec. environment	no	pH6.8	--	--	--	
Tank size	5/10/15	15 gal.	15 gal.	2/20	*	

*2. As medication only.

*4. Only as needed for medication.

*5. Males in 20 long after 4 months. Before then in 10 gallon.

THE DISAPPEARING GRAVID SPOT

by Jim McCarty
Maumee Valley Guppy Assoc.

I would like to share with my fellow breeders something that happened to one of my virgin females - with hopes that someone can add information to this problem. Last fall I had a tank of gold virgin females. I culled them down to six and thought that I would show them in the spring. In February I noticed that the largest female had lost her gravid spot. If you held her up to the light you could see it but it was like she had dropped her eggs. I put her in a community tank

THE DISAPPEARING GRAVID SPOT.....

hoping the males would stimulate her and reverse what was happening before my very eyes. There was no sign of a gonopodium. I showed her to my fellow club members and we all gave her a 50/50 chance of being disqualified. So when she was disqualified it was no surprise. What was a surprise was that the judges came to the conclusion that the breeder had hormonized this fish. While this may have been prevalent in the past this is something that I have never practiced! I found an article in the July 1982 IFGA publication on sex changes. This may have been the problem. I would like to hear from anyone who may have encountered this problem. It is very disheartening when you have such a beautiful female guppy.

WALKING THE PLANK

by Capt. Frank Orteca
Guppy Associates Greater
Cleveland

I'm not sure where I should start, so I might as well start at the beginning. It started on April 1st! Terry Wasylyk drove up from Warren, Ohio - He came in a brand new Corvette and with a box of guppies that were truly Show fish, but Terry felt they weren't quite up to par so we sold them to All Champs. Before All Champs we stopped at Ron and Dave Rush's house to see their fish room. This was the first time I had seen their room since they added fish to it. What we saw were 27 tanks of beautiful Blue deltas and about 4 or 5 tanks of big bodied Blacks. It was a perfect day all the way around and really increased my fever to attend Toledo's show the following week. Sometimes when you look forward to something it never reaches it's expectations. This was not to be the case. After a terrible week of bad weather, we were treated to a crisp dry sunny Saturday morning. Terry picked me up and we made it to the show on time to attend the Judging Seminar. When we walked into the show room I thought I was at the Annual, in fact if I would have seen Harold Morgan walking around with a cowboy hat on I would have bet my life this was an Annual. I've never seen so many people at a show outside of the Annual last November. There's no doubt in my mind, the Guppy Hobby IS BACK! We had a few lean years there, but that's over, guppy fever was running RAMPANT, and the entries kept pouring in. At judging time there were judges waiting their turn to judge. And would you believe all the judges were agreeing with each other! Just ask Tom Allen! Terry and I agreed on everything, the 3 of us judged together. I think Tom felt Terry and I were ganging up on him. Up to this point everything was going great but the best was yet to come!

As time went on most of the classes were judged. I was right next to the Gold Females when Ron Rush informed me, Jim and Joan Bardoun took 1st and 2nd in Gold Female. Beautiful, I thought, just what Jim needs, a real shot in the arm. After judging I went to see what I had done, I had done better than I expected - 1st and 2nd Snakeskin Solid Delta, 3rd place Snakeskin Solid Tank and 4th Blue Veil. I was floating on Cloud Nine. I walked up to Charlie Hall and he informed me that he had won 1st place in H/B Red Delta. I no sooner turned around after congratulating Charlie when Ron and Dave Rush told me they took 1st in Novice Male and 3rd in Blue Tank. This was their First Show. Somebody up there likes G.A.G.C.! Dick Eisenman must have put in a good word for us with the Man Upstairs. Dave Rush took me over and showed me the Blue Delta that won 1st place for them. The fish was perfect and I told Dave they would be in the running for Best Of Show. At that point Terry and I had a drink in the lounge and relaxed for about 45 minutes. Then we went back into the show site - it was still mobbed and everyone was standing around chattering.

WALKING THE PLANK.....

Charlie told me how happy Dave Rush was and I told Charlie "Sure, their first show and a first place, plus probably a place in Best of Show." Charlie said, "What do you mean - place in Best of Show - They won it - They took First Best of Show". The last member of our club to take 1st Best of Show was Ed Porter in 1975 with a Red Delta - and if that wasn't all, Jim and Joan Bardoun took 3rd Best of Show with their Gold Female. I could go on and on but you get the picture. Maumee Valley's show was one of G.A.I.C. that will never be forgotten. A Perfect weekend!

Reprint from Guppy Tales - Apr. 1984
Publication of G.A.I.C.

THINGS TO DO

by Peter Tedesco
Fancy Finney Friends

Well, spring is almost here. It is time to get busy and get things going for the coming shows. If you raise live foods outdoors you have to get these cultures cleaned and started up again. Make sure when cleaning out leaves and other unwanted material, you do not throw out eggs that have been dormant during the winter. Wash off all leaves in case they have eggs on them. (Daphnia eggs). Set up new water tanks for your mosquito larvae.

Have you been throwing out your brine shrimp eggs - that's a no no. I have been dumping them outside all winter in a drum. This way I can raise larger shrimp and have them cultivate themselves the rest of the year. The larger fish are fed the adult shrimp. When they lay eggs and the newly young are born they will continue to propagate themselves.

Be careful when setting up your spring cleaning of lawns that no unwanted chemicals get into these cultures because you will surely poison them and kill the culture and might possibly poison and kill your fish also. Once you have cleaned and set up make sure you have a little food for the newly hatched cultures to feed on right away. For your daphnia cultures some lettuce or slivers of apples to feed on. For mosquito larvae - they love fruit peelings to feed on as well. For your shrimp to feed on mix a little water and yeast. Once algae starts to grow in the tanks, then the shrimp will feed on it. These foods are very important in raising young guppies.

The more they are fed live foods the faster and bigger they will be. If you are looking to cut back on feeding the brine shrimp, these foods - mosquito larvae and daphnia are or could be the alternative. Instead of feeding baby shrimp every day, 3 times a day, you can substitute these foods instead. In the A.M. feed baby brine shrimp - in the afternoon, prepared foods, flake or powdered foods. Late afternoon, daphnia or mosquito larvae. Evening, about 2 hours before lights go out, microworms and baby brine shrimp. They will eat the shrimp right away. What food is left in the early morning the fish will feed on when the lights go on again in the A.M. I find it best to mix up their feeding habits. Try not to feed them the same foods all the time. This way they will not get used to being fed certain foods at a certain time and no matter what I feed them they eat it eagerly. Very rarely is there any food left to rot on the bottom of the tank.

THINGS TO DO.....

Do not forget some other foods - weekly feed tubifex worms, chopped red worms, frozen shrimp and white worms. Proper feeding, water changes, and TLC will achieve your goal. Let's raise those super show winning guppies.

Hope to see you at most of the IFGA shows. If not give your support. Show that you care - spread the word.

FUN WITH GUPPIES

by Ron Smeland

OGNIMALFSLIATDNUOR
IETSLIATFRACSHCIVN
RCFAILGNIKSEKANS AO
DOHYTISNETNIUPEVRI
sa1t11ifw1ldnag1et
LGUOHFEEDDEASULGARI
IFANCYLDELAMFSLAD
A1LGGS OYRBMELBIFEN
TNEMTROPEDFIWAPBO
ELNLUVOFHWNANTLE C
RINICIEFLTITTTDEVG
YAAANMIANSHAA RBIN
LHTALSINGI IUUOILI
SLSLTRPGULRORRWSHD
NEEEOSEIPPUGOISTSE
IIRDEROLOCI RAVUEIE
FVAVORETICULATUSFR
DETAGEIRAVESAESIDB

Lebistes
Reticulatus
Fun
With
Guppies
Lyretails
Ichthyophthirius
Deportment
Fish
Rust
Variegated
Scarftails
Air
Ova
Tail
Deportment
Female
Male
Fantail
Varicolored
Condition
Breeding
Veiltail
Points
Snakeskin
Pintails
Pal
Egg
Caudal
Dorsal
Fancy
Wild
Hahnel
Albinism
Color
Intensity
Swordtail
Embryos
Delta
Feed
Livebearers
Ich
Disease
Fins
Roundtails
Fail
Flamingo
Fill
Filter
I F G A

Reprint - The Kitsap Aquarian
Feb. 1984

CONGRATULATIONS - to Jim Thale, whose article "The Fish Room" IFGA (Feb. 1984) was reviewed in Tropical Topics (April 1984) a publication of the Indianapolis Aquarium Society.

We just received word on April 23rd that Larry Konig, author of "Portrait of The Guppy" had a massive heart attack sometime the middle of April. Although we do not have the address of the hospital he is in, I am sure his son, Alfred would be glad to receive any cards for him. His address is;

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Elizabeth, New Jersey 07208

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*International
Fancy
Guppy
Association*



DATE JUN 1984

Official
Publication

International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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* Pages 6 thru 8 and 16 thru 17 are preprinted and will not be numbered. Many thanks to Buckeye and East Coast!!

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MESSAGE FROM THE PRESIDENT

by Tom Allen

Anyone who was able to attend the Maumee Valley Guppy Association show would have to agree with Cap'n Frank's article in last month's bulletin that the show was extremely successful. Over 700 entries lined the benches and there were more than enough judges (how many is enough?) to make the task of judging all these entries go quite smoothly. Among the judges were six of the seven senior judges - an all-time, all-world record. As usual, the MVGA people outdid themselves in organizing their show and making everyone welcome.

The turnout for the P.P.G.A. show was not quite as spectacular. Two mid-westerners, John Mackey and Jim Thale did travel to the Golden State for the show and some sightseeing. Without John (or some other accredited judge) in attendance, we would have been unable to sanction and accept the results of the judging. If "thanks" were dealt out in ounces, we owe John and Jim tons and tons for their active participation.

It's time to pay tribute to our recent winners in the novice competition: D & R Rush and Jim Sheffner at the Maumee Valley show; Dave Wexler, Toby Ann Kotner and Bob Peterson at the P.P.G.A. show; Mike Ippolito, Bryan Timmerman and Frank Barta in the Chicago show. To prove to all of us that your award was no fluke, we encourage you to actively support all of our shows by exhibiting your fish. For sure the D & R Rush award was no fluke - the fish went on to capture 1st Best of Show. Anyone who thought that the novice breeder couldn't compete with the "pros" had better change their ways!!

SHOW SCHEDULE 1984

CLUB	SHOW DATE	CLASSES DUE
Maumee Valley Guppy Association	April 7-8	
Pan Pacific Guppy Association	April 21-22	
Guppy Associates International Chicago	May 5-6	
Canadian Guppy Club	May 19-20	
Big Apple Guppy Club	June 2-3	
South Jersey Guppy Group	June 23-24	
Guppy Associates of Milwaukee	July 21-22	
Buckeye Fancy Guppy Club	August 4-5	
East Coast Guppy Association	August 25-26	
Gateway Guppy Association	November 2-3-4	August 2

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association

Meetings: South Jersey Guppy Group and Gateway Guppy Association

ATTENTION!!!

ATTENTION!!!

ATTENTION!!!

The meeting show is just a month away. Be sure that your club is represented at the South Jersey meeting. If your delegate or alternate cannot be there please notify the Secretary, Pat Allen so she can appoint someone at the meeting to represent you.

1.

PAN PACIFIC GUPPY ASSOCIATION
SHOW RESULTS

476 Entries

April 20-21, 1984

JUDGES: John Mackey

ASS'T JUDGES: Jim Thale, Frank Chang, James Alderson, Mike Khalid, Bryan Chin, George Chin, Allen Garafalbo

OBSERVERS: David Wexler, Toby Ann Kotner, Russell Johnson, Carl Hutter, Nancy Collins, Ronnie Hongo, Jack Rosengarten, Richard Stofan, Anthony Sabatasso, Robin

BEST OF SHOW

TANK: (Green) (Bl/Gr Bl) (Purple) (H/B AOC)
1. M & D Lastella 2. David Niedzialkowski 3. M & D Lastella 4. L & S Blaylock

MALE: (Green Delta) (H/B AOC Delta) (Red Delta) (Albino Delta)
1. R & B Halverson 2. J & V Wilson 3. Mark Miarka 4. James Coleman, Jr.

FEMALE: (AOC) (Black) (H/B AOC) (Bl/Gr)
1. J & V Wilson 2. J & V Wilson 3. R & B Halverson 4. T & P Allen

BREEDER MALE: (24)
1. M & D Lastella 2. Joe Smith 3. Joe Smith 4. Joe Smith

BREEDER FEMALE: (5)
1. J & V Wilson, 2. Jim Sheffner 3. Aquatic Gardens 4. Tony Sabatasso

	TANK	DELTA	VEIL
RED:	(5)	(11)	(9)
Paul Gorski		Mark Miarka	John O'Brien
John O'Brien		John O'Brien	John O'Brien
John O'Brien		John O'Brien	Jim Alderson, Jr.
John O'Brien		Chester Miarka	John O'Brien
BLUE:	(7)	(14)	(2)
Joe Smith		Jim Alderson, Jr.	M & D Lastella
Joe Smith		Jim Alderson, Jr.	Frank Orteca
Jim Alderson, Jr.		Jim Alderson, Jr.	
Joe Smith		Joe Smith	
GREEN:	(2)	(13)	(2)
M & D Lastella		R & B Halverson	M & D Lastella
Jim Thale		R & B Halverson	Disq.
		R & B Halverson	
		R & B Halverson	
PURPLE:	(7)	(7)	(7)
M & D Lastella		T & P Allen	J & V Wilson
T & P Allen		M & D Lastella	Eugene Golimowski
T & P Allen		T & P Allen	Eugene Golimowski
Eugene Golimowski		Eugene Golimowski	T & P Allen
BLACK:	(7)	(6)	(3)
J & V Wilson		J & V Wilson	Jim Thale
Bryan Chin		Bryan Chin	J & V Wilson
J & V Wilson		Bryan Chin	J & V Wilson
J & V Wilson		Bryan Chin	

2.

P.P.G.A. RESULTS.....

	TANK	DELTA	VEIL
MULTI:	(5)	(11)	(6)
J & V Wilson		Arthur Hintz	Frank Schulterbrandt
George Chin		Paul Gorski	J & V Wilson
Frank Schulterbrandt		Arthur Hintz	Arthur Hintz
Arthur Hintz		Arthur Hintz	Frank Schulterbrandt
H/B RED:	(9)	(10)	(10)
James Alderson, Jr.		Jim Alderson, Jr.	Vic Piteo
Vic Piteo		J & M Mackey	J & M Mackey
Vic Piteo		Vic Piteo	Vic Piteo
Vic Piteo		Jim Alderson, Jr.	Eugene Golimowski
H/B BLUE:	(5)	(10)	(2)
J & M Mackey		George Tay	Jim Thale
M & D Lastella		George Tay	M & D Lastella
Tony Toy		J & M Mackey	
Tony Toy		J & M Mackey	
H/B PASTEL:	(13)	(18)	(2)
T & N Zielinski		T & N Zielinski	B & K Curran
T & N Zielinski		T & N Zielinski	B & K Curran
T & N Zielinski		Mark Miarka	
T & N Zielinski		Mark Miarka	
H/B AOC:	(8)	(13)	(6)
L & S Blaylock		J & V Wilson	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler
Stephen Kwartler		L & S Blaylock	John Maslar
Stephen Kwartler		L & S Blaylock	Stephen Kwartler
AOC:	(3)	(4)	(0)
S & B Miller		Mark Miarka	
S & B Miller		S & B Miller	
Disq.		S & B Miller	
		Ed Regec	
RED BI:	(2)	(6)	(4)
Bob Peterson		Eugene Golimowski	Ted Lobello
Disq.		Bob Peterson	Ted Lobello
		Bob Peterson	Ted Lobello
		Mark Miarka	Ted Lobello
BL/GR BI:	(2)	(8)	(0)
David Niedzialkowski		David Niedzialkowski	
David Niedzialkowski		David Niedzialkowski	
		David Niedzialkowski	
		K & K Hawley	
AOC BI:	(4)	(7)	(10)
Jim Jirku		Paul Gorski	Jim Jirku
Jim Jirku		J & V Wilson	Jim Jirku
Warren Burke		Jim Jirku	Jim Jirku
Jim Jirku		Jim Jirku	Warren Burke

P.P.G.A. RESULTS.....

	TANK	DELTA	VEIL
SNAKESKIN SOLID:	(2)	(8)	(3)
T & P Allen		T & P Allen	J & V Wilson
T & P Allen		Eugene Golimowski	J & V Wilson
		Frank Ortoea	M & D Lastella
		M & D Lastella	
SNAKESKIN VARIGATED:	(2)	(6)	(3)
M & D Lastella		M & D Lastella	M & D Lastella
Rich Bader		Rich Bader	Rich Bader
		Rich Bader	J & V Wilson
		Mike Khalid	
ALBINO:	(5)	(10)	(6)
James Coleman, Jr.		James Coleman, Jr.	James Coleman, Jr.
James Coleman, Jr.		James Coleman, Jr.	F & I Chang
F & I Chang		James Coleman, Jr.	Carl Hutter
James Coleman, Jr.		James Coleman, Jr.	F & I Chang
H/B YELLOW:	(7)		(2)
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
Aquatic Gardens			
Aquatic Gardens			
YELLOW:	(2)		(2)
Ray Winkler		Ray Winkler	
Ray Winkler		Ray Winkler	
GOLD:	(1)		(5)
Dr. Tay Kah Seng		Eugene Golimowski	
		Disq.	
		Disq.	
		Disq.	
BRONZE:	(6)		(6)
Rich Bader		J & V Wilson	
T & P Allen		Eugene Golimowski	
J & V Wilson		T & P Allen	
J & V Wilson		T & P Allen	
SINGLE SWORD:	(5)		(7)
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
J & V Wilson		Jim Thale	
DOUBLE SWORD:	(5)		(6)
Jim Thale		Jim Thale	
Jim Thale		Mike Khalid	
Jim Thale		Jim Thale	
J & V Wilson		Jim Thale	
NOVICE:	(2)		(8)
Dave Wexler		Toby Ann Kotner	
Bob Peterson		Toby Ann Kotner	
		Bryan Timmerman	
		Toby Ann Kotner	

P.P.G.A. RESULTS.....

FEMALES		
RED: (10)	H/B AOC: (12)	BL/GR: (8)
F & I Chang	R & B Halverson	T & P Allen
Chester Miarka	R & B Halverson	R & B Halverson
F & I Chang	S & B Miller	S & B Miller
F & I Chang	Warren Burke	S & B Miller
ALBINO: (5)	BLACK: (6)	H/B RED: (1)
F & I Chang	J & V Wilson	S & B Miller
F & I Chang	Reginald Day	
F & I Chang	Reginald Day	
F & I Chang	Bryan Chin	
GOLD: (5)	AOC: (10)	NOVICE: (1)
Warren Burke	J & V Wilson	Bob Peterson
Warren Burke	Frank Barta	
Ray Winkler	Frank Barta	
Warren Burke	Rich Bader	

"MASTER GUPPY BREEDER AWARD PROGRAM"

by Reginald Day
Heartland Guppy Club

Our club recently adopted a Master Guppy Breeder Award Program so that breeders that have achieved some degree of success at breeding guppies could be recognized. This award program is based entirely on points received thru competition in IFGA sanctioned shows and can be won by every member of our club. This not only gives our members an incentive to raise better guppies but it should help other clubs thru increased show entries. Here's how the program works:

- 1st place win - 10 points
- 2nd place win - 8 points
- 3rd place win - 6 points
- 4th place win - 4 points

When a member accumulates 100 points, from placing in IFGA shows, we award him a Master Guppy Breeder plaque.

SHIPPING TO AUSTRIA

It's time to seriously start thinking about entering the Austrian show. Mike Lastella has offered to handle the shipment again this year. The show dates are June 10-24, 1984 and Mike must have your entries by the Tuesday morning prior to the show date. The cost of shipping will be \$3.00 per fish entered. Please mark bags regarding your name and the class in which fish is to be entered. All classes are three matched males. For further information contact:

Mike Lastella
3340 Yost Blvd.
Oceanside, New York 11572
Phone: (516) 766-3954

Buckeye Fancy Guppy Association
Proudly Presents a 1984 IFGA 7 Point Guppy Show at the
Chapel Hill Mall - August 4 & 5, 1984

SCHEDULE:

Saturday Aug. 4th	9:00 A.M. to 4:00 P.M.	Registration
	4:00 P.M. to 6:00 P.M.	Open to Public
	6:00 P.M. to ?	Judging
Sunday Aug. 5th	9:00 A.M. to 2:00 P.M.	Open to Public
	11:00 A.M. to ?	Awards Presentation
		Followed by Auction
	2:30 P.M.	Debenching

RULES COVERING THIS 7 POINT SHOW

1. All entries must be registered by 4:00 P.M. Saturday Aug. 4th, 1984. Benching will be done by BFGA or a designee.
2. Judging of entries will begin at 6:00 P.M. Saturday, Aug. 4th.
3. All entries will be judged by current IFGA standards.
4. Lighting will be overhead fluorescent.
5. Every precaution will be taken to prevent loss of fish, theft, etc., however, exhibitor assumes all responsibility for loss.
6. Fish will not be removed from show until awards have been presented, at which time a member of BFGA, or designee, will remove fish from show area and return them to the exhibitor.
7. The exhibitor must determine the class of competition in which his/her entry is to be exhibited. Assistance in classification will be available at the time of registration.
8. No gravel, greens or decorations may be used. There will be no charge for use of bowls and tanks.
9. Trophys will be given for first along with cards for 1st, 2nd, 3rd, and 4th places.

SINGLE ENTRIES: All entries are to be exhibited in 1/2 gallon drum bowls, 3/4 filled with water. One female is optional, but will not be judged. Entry fee \$1.25.

NOVICE CLASS: Novice class is open only to those exhibitors who have never won a first place in an IFGA show.

DOUBLE ENTRIES TANK: An entry will consist of two matched males. One female may be added but will not be judged. Entry fee \$2.50. Entries will be exhibited in tanks available at site.

3 MATCHED FEMALES (BREEDER FEMALES): Entries will be exhibited in tanks available at site. All entries will be judged as one class. Entry fee \$2.50.

5 MATCHED MALES (BREEDER MALES): Entries will be exhibited in tanks available at site. Two females may be added but will not be judged. All entries will be judged as one class. Entry fee \$3.00.

AUCTION: Only fish entered in show will be available for auction. The auction will conclude the show. Exhibitors wishing to have their entries sold at the auction should specify when entering by using the space provided on the entry form. 25% of all auction proceeds will be retained by BFGA.

CLASSES:

DELTA	VEIL	TANKS	FEMALES
Red	Same as Delta	Same as Delta WITH	Red
Blue		Combined and Sword	Bl/Gr
Green		Tails (Double and	H/B Red
Purple		Single)	H/B AOC
Black			AOC
Multi	Gold	<u>BREEDER MALES</u>	Gold
H/B Red	Albino		Black
H/B Blue	Bronze	All colors combined	Novice
H/B Pastel	Yellow		
H/B AOC	H/B Yellow	<u>BREEDER FEMALES</u>	
AOC	Novice		<u>BEST OF SHOW</u>
Red Bicolor	Single Sword Tail	All colors combined	Male
Bl/Gr Bicolor	Double Sword Tail		Female
AOC Bicolor		<u>SPECIAL AWARD</u>	Tank
Snakeskin Solid			
Snakeskin Varigated		Presidents Award - most Guppy points in this show	

SHIPPED IN ENTRIES: All entries mailed or shipped by air freight must be received by August 3, 1984. It would be appreciated that prior notification on all shipments be given.

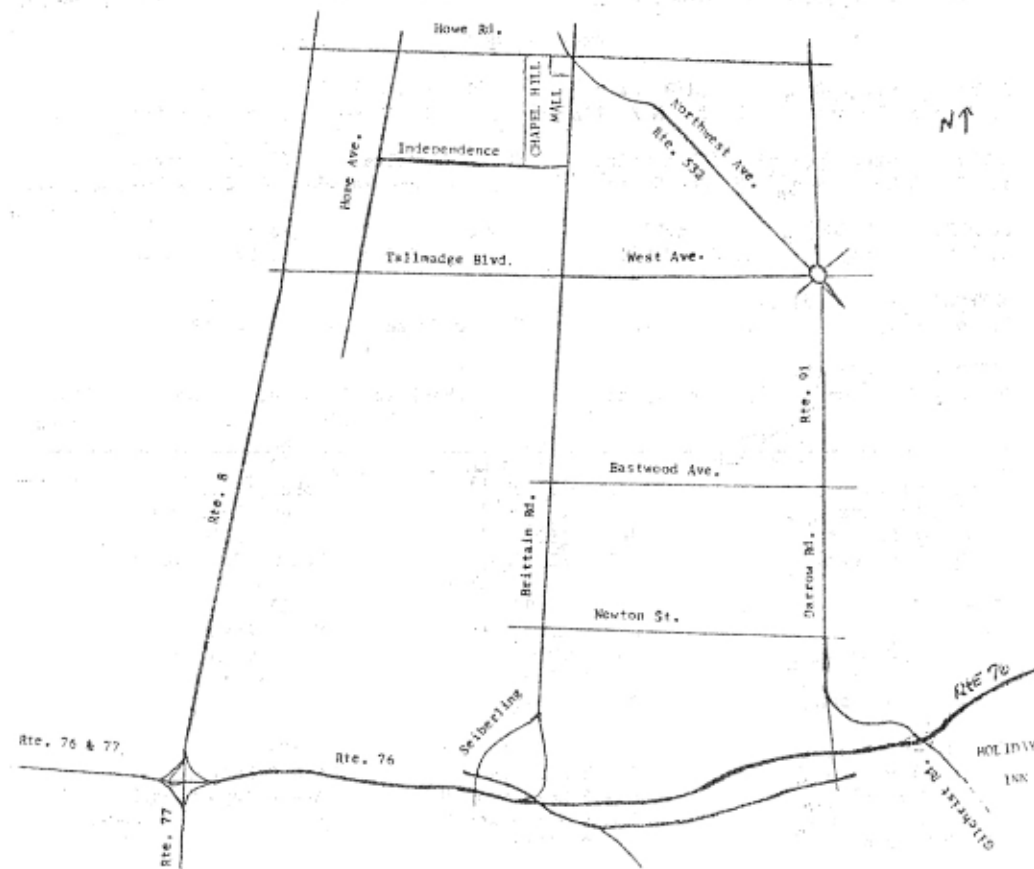
Entries may be shipped AIR MAIL SPECIAL to: Ed Regec 1233 Allendale Ave., Akron, Ohio 44306 or Rich Serva 5407 S. Celeste View Dr., Stow, Ohio 44224.

Entries may be shipped AIR FREIGHT to: Jim Shoffner 337 Howe Ave., Cuyahoga Falls, Ohio 44221. CALL ON ARRIVAL (216)923-0591.

All shipping charges must be prepaid along with the return fare. No collect shipments will be accepted. All fish shipped with no return fare will be auctioned.

ROOM RESERVATIONS: A block of rooms has been reserved at Holiday Inn East (216-794-1050) on Gilchrist Rd. Rates are \$33 for a single room and \$38 for a double room. Reservations must be made 2 weeks in advance. You may contact Jim Shoffner (216-923-0591) or Ed Regec (216-724-0824) for reserving a room. If calling direct be certain to identify yourself as with the fish show.

The best entrance to the show is on the South side of Penneys.



For further information contact: Rich Serva (216-650-4613).

JUDGES: Tom Allen, Jim Jirku, Ted Lobello, John Mackey, Bill Orth, Richard Szydlak, Tom Washburn, John Zelk

ASS'T JUDGES: R. C. Albright, Allen Eddy, Michael Golimowski, Darrell Johnson, James McCarty, Steve Sparrow, John Wilson, Verna Wilson

OBSERVERS: Frank Barta, Stephen Kwartler, Bill Miller, John Maslar, Chester Miarka, Mark Miarka, Tom Zielinski, Natale Zielinski, Pat McCarty, Bill St. Clair, Jack Longer, Barb Longer, Judy Orth, Joan Cyze, Heather Eddy, Robert VanDenLangenberg, Robert Minarik, Barbara Minarik

BEST OF SHOW

TANK: (H/B AOC) (H/B Pastel) (Snakeskin Sol) (Red)
1. Stephen Kwartler 2. T & N Zielinski 3. T & P Allen 4. John O'Brien

MALE: (Green Delta) (Blue Delta) (H/B AOC Delta) (Albino Comb.)
1. R & B Halverson 2. Joe Smith 3. Stephen Kwartler 4. James Coleman, Jr.

FEMALE: (H/B AOC) (Black) (AOC) (Novice)
1. E & W Cooney 2. J & V Wilson 3. Rich Bader 4. Frank Barta

BREEDER MALE: (15)
1. Joe Smith 2. Joe Smith 3. Joe Smith 4. Joe Smith

BREEDER FEMALE: (8)
1. J & V Wilson 2. Frank Barta 3. Michael Ippolito 4. Michael Ippolito

	TANK	DELTA	VEIL
RED:	(10)	(21)	(8)
John O'Brien		John O'Brien	John O'Brien
T & N Zielinski		Mark Miarka	Eugene Golimowski
Charlie Nauert		John O'Brien	John O'Brien
T & N Zielinski		T & N Zielinski	Eugene Golimowski

	TANK	DELTA	VEIL
BLUE:	(16)	(23)	(2)
Joe Smith		Joe Smith	M & D Lastella
Darrell Johnson		Joe Smith	B & J Orth
James Alderson		Jim Jirku	
Darrell Johnson		John Maslar	

	TANK	DELTA	VEIL
GREEN:	(6)	(22)	(3)
Rev. Lloyd Groenke		R & B Halverson	M & D Lastella
M & D Lastella		R & B Halverson	Rev. Lloyd Groenke
Rev. Lloyd Groenke		R & B Halverson	Disq.
Mark Miarka		T & P Allen	

	TANK	DELTA	VEIL
PURPLE:	(9)	(10)	(13)
M & D Lastella		J & V Wilson	T & P Allen
T & P Allen		M & D Lastella	J & V Wilson
T & P Allen		J & V Wilson	Eugene Golimowski
T & P Allen		Everett Gold	T & P Allen

G.A.I.C. RESULTS.....

	TANK	DELTA	VEIL
BLACK:	(4)	(7)	(4)
J & V Wilson		J & V Wilson	Disq.
J & V Wilson		B & J Orth	Disq.
J & V Wilson		J & V Wilson	Disq.
Bryan Chin		Bryan Chin	Disq.

	TANK	DELTA	VEIL
MULTI:	(4)	(14)	(1)
Bev Richmond		Arthur Hintz	J & V Wilson
J & V Wilson		Arthur Hintz	
Disq.		Arthur Hintz	
Disq.		E & W Cooney	

	TANK	DELTA	VEIL
H/B RED:	(10)	(18)	(10)
James McCarty		Vic Piteo	Eugene Golimowski
James McCarty		James McCarty	B & J Orth
Everett Gold		Vic Piteo	Eugene Golimowski
R & A Albright		Vic Piteo	Vic Piteo

	TANK	DELTA	VEIL
H/B BLUE:	(5)	(11)	(4)
Chester Miarka		Chester Miarka	M & D Lastella
Chester Miarka		Chester Miarka	J & M Mackey
J & M Mackey		Chester Miarka	Jim Thale
Disq.		J & M Mackey	Chester Miarka

	TANK	DELTA	VEIL
H/B PASTEL:	(13)	(15)	(7)
T & N Zielinski		Darrell Johnson	B & J Orth
T & N Zielinski		T & N Zielinski	Darrell Johnson
T & N Zielinski		Mark Miarka	Darrell Johnson
T & N Zielinski		T & N Zielinski	Darrell Johnson

	TANK	DELTA	VEIL
H/B AOC:	(9)	(17)	(6)
Stephen Kwartler		Stephen Kwartler	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler
Stephen Kwartler		J & V Wilson	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler

	TANK	DELTA	VEIL
AOC:	(4)	(6)	(2)
S & B Miller		Mark Miarka	Disq.
S & B Miller		S & B Miller	Disq.
Disq.		S & B Miller	
Disq.		S & B Miller	

	TANK	DELTA	VEIL
RED BI:	(5)	(11)	(8)
David Niedzialkowski		Bev Richmond	Ted Lobello & family
Bev Richmond		Bev Richmond	Ted Lobello & family
Robert VanDenLangenberg		Everett Gold	Jim Jirku
Jim Jirku		T & N Zielinski	Jim Jirku

	TANK	DELTA	VEIL
B/GBI:	(6)	(15)	(4)
Stephen Sparrow		David Niedzialkowski	Eugene Golimowski
Stephen Sparrow		David Niedzialkowski	Stephen Sparrow
David Niedzialkowski		David Niedzialkowski	Stephen Sparrow
David Niedzialkowski		T & N Zielinski	Disq.

G.A.I.C. RESULTS.....

	TANK	DELTA	VEIL
AOC BI:	(4)	(7)	(13)
Jim Jirku		Robert VanDenLangenberg	Jim Jirku
Jim Jirku		Robert VanDenLangenberg	Jim Jirku
Jim Jirku		Jim Jirku	Jim Jirku
Jim Jirku		Jim Jirku	Steven Welli
BRONZE:	(5)	(9)	(9)
J & V Wilson		T & P Allen	J & V Wilson
J & V Wilson		T & P Allen	Don Saurers
Eugene Golimowski		T & P Allen	Rich Bader
T & P Allen		Eugene Golimowski	Eugene Golimowski
ALBINO:	(4)	(7)	(7)
James Coleman, Jr.		James Coleman, Jr.	F & I Chang
James Coleman, Jr.		James Coleman, Jr.	F & I Chang
James Coleman, Jr.		James Coleman, Jr.	James Coleman, Jr.
F & I Chang		James Coleman, Jr.	Eugene Golimowski

	TANK	COMBINED
YELLOW:	(2)	(2)
Ray Winkler		Ray Winkler
Ray Winkler		Disq.
NOVICE:	(4)	(15)
Michael Ippolito		Bryan Timmerman
R & A Albright		R & A Albright
Michael Ippolito		Kathy Howarth
B & B Minarik		Frank Barta
GOLD:	(0)	(4)
		All Disq.
H/B YELLOW:	(4)	(5)
Charlie Zesch		Charlie Zesch
Jim Thale		B & J Orth
Jim Thale		Charlie Zesch
Pete Tedesco		Charlie Zesch
LIGHT BODIED AOC:	(0)	(3)
		Robert VanDenLangenberg
		Robert VanDenLangenberg
		Michael Ippolito
SINGLESWORD:	(5)	(6)
Jim Thale		Don Saurers
Jim Thale		Jim Thale
Jim Thale		Jim Thale
J & V Wilson		Jim Thale
DOUBLESWORD:	(3)	(9)
J & V Wilson		Don Saurers
Jim Thale		Jim Thale
Jim Thale		Jim Thale
Jim Thale		Jim Thale

G.A.I.C. RESULTS.....

	TANK	COMBINED
SNAKESKIN SOLID:	(10)	(8)
T & P Allen		M & D Lastella
T & P Allen		T & P Allen
T & P Allen		T & P Allen
T & P Allen		T & P Allen
SNAKESKIN VARIGATED: (7)		(17)
Robert McKim		Rich Bader
M & D Lastella		Rich Bader
J & V Wilson		Rich Bader
Rich Bader		Rich Bader
FEMALES		
RED: (5)	AOC: (17)	BL/GR: (17)
Chester Miarka	Rich Bader	S & B Miller
Chester Miarka	Frank Barta	R & B Halverson
Chester Miarka	Frank Barta	Michael Ippolito
Chester Miarka	Mark Miarka	R & B Halverson
GOLD: (7)	BLACK: (3)	H/B RED: (2)
Don Saurers	J & V Wilson	James McCarty
Warren Burke	J & V Wilson	S & B Miller
Warren Burke	J & V Wilson	
Ted Lobello & family		
NOVICE: (8)	H/B AOC: (12)	
Frank Barta	E & W Cooney	
Frank Barta	James McCarty	
Michael Ippolito	S & B Miller	
Frank Barta	Bob Williams	

AQUARIUM PLANTS

by Ron Smeland

A H T N I C A Y H R E T A W J
E I N R E F A V A J O U Q A J
T T A P E G R A S S H Y U G E
R Q L T E M P E R A T U R E C
A U P Z A S P I R A L A H Y U
W W A T E R L I L I E S Y H T
N S N M D O S S D L S A G S T
R E A H O R N A I O Q G R I E
O T N O L U E G M U P T O R L
H E A M E H H A A L Q T P A R
T O B R W T V R A Q U T H H E
A S R O I A I N J Q R A I C T
P I R N J U T H Y G R R L A A
E R G W M S A M B U L I A N W
A D R O W S N O Z A M A S A S

Hornwort
Javafern
Javamoss
Waterhyacinth
Waterlilies
Sagittaria
Banana Plant
Amazon Sword
Ambulia
Arrowhead
Anacharis
Elodea
Waterlettuce
Tapegrass
Hygrophila
Lighting
Temperature
Aquarium
Isoetes
Plants

Reprint - The Kitsap Aquarium
May 1984

I. F. G. A. POINT STANDINGS AS OF MAY 6, 1984

<u>RED CLASS</u>		<u>BLUE CLASS</u>	
1 John O'Brien	1750	1 Joe Smith	1022
2 Paul Gorski	588	2 Jim Alderson	336
3 T & N Zielinski	196	3 M & D Lastella	280
4 Mark Miarka	126	4 B & K Curran	192
<u>GREEN CLASS</u>		<u>BLACK CLASS</u>	
1 M & D Lastella	910	1 J & V Wilson	1442
2 Rev. Lloyd Groenke	686	2 Bryan Chin	350
3 R & B Halverson	462	3 Lou Wasserman	168
4 Paul Gorski	322	4 Jerry Horton	140
<u>MULTI CLASS</u>		<u>PURPLE CLASS</u>	
1 Bev Richmond	882	1 T & P Allen	1190
2 Arthur Hintz	574	2 M & D Lastella	938
3 Frank Schultersbrandt	476	3 Eugene Golimowski	490
4 J & V Wilson	448	4 J & V Wilson	350
<u>AOC CLASS</u>		<u>YELLOW CLASS</u>	
1 S & B Miller	882	1 Ray Winkler	784
2 Steve Sparrow	602	2 Frank Schultersbrandt	140
3 Mark Miarka	210	3 Everett Gold	70
4 Jim Thale	70	3 Frank Orteca	70
<u>GOLD CLASS</u>		<u>BL/GR BICOLOR CLASS</u>	
1 Eugene Golimowski	518	1 David Niedzialkowski	1718
2 Dr. Tay Kah Seng	140	2 Steve Sparrow	476
3 Jim McCarty	56	3 Eugene Golimowski	70
4 -- --	--	3 P & M Tedesco	70
<u>ALBINO CLASS</u>		<u>AOC BICOLOR CLASS</u>	
1 James Coleman, Jr.	1946	1 Jim Jirku	2142
2 F & I Chang	546	2 Paul Gorski	182
3 Warren Burke	182	3 Stan Shubel	140
4 Carl Hutter	42	4 Robert VanDenLangenberg	126
<u>BRONZE CLASS</u>		<u>H/B RED CLASS</u>	
1 T & P Allen	924	1 Vic Piteo	1344
2 J & V Wilson	840	2 Lou Wasserman	388
3 Rich Bader	378	3 James McCarty	308
4 Eugene Golimowski	280	4 James Alderson	238
<u>RED BICOLOR CLASS</u>		<u>H/B BLUE CLASS</u>	
1 Bev Richmond	812	1 M & D Lastella	714
2 Bob Peterson	364	2 Chester Miarka	518
3 Jim Jirku	336	3 J & M Mackey	448
4 Ted Lobello & family	322	4 Lou Wasserman	238
<u>H/B PASTEL CLASS</u>		<u>H/B AOC CLASS</u>	
1 T & N Zielinski	994	1 Stephen Kwartler	2130
2 Darrell Johnson	784	2 L & S Blaylock	280
3 James Kolb	294	3 M & D Lastella	210
4 B & K Curran	196	4 J & V Wilson	182

STANDINGS.....

<u>H/B YELLOW CLASS</u>		<u>SNAKESKIN CLASS</u>	
1 Charlie Zesch	966	1 T & P Allen	1400
2 Jim Thale	714	2 M & D Lastella	1162
3 Andy Thornhill	210	3 Rich Bader	1120
4 J & B Longer	140	4 J & V Wilson	504
4 Aquatic Gardens	140		
<u>SWORDTAIL CLASS</u>		<u>RED FEMALE</u>	
1 Jim Thale	3080	1 Chester Miarka	448
2 J & V Wilson	490	2 F & I Chang	140
3 Don Saurers	238	3 Arthur Hintz	84
4 Karl Liedl	140	4 Ray Walker	70
<u>BL/GR FEMALE</u>		<u>AOC FEMALE</u>	
1 S & B Miller	336	1 Frank Barta	266
2 R & B Halverson	210	2 Rich Bader	210
3 T & P Allen	154	3 J & V Wilson	140
4 Eugene Wiatzka	42	4 Jerry Horton	112
4 Michael Ippolito	42		
<u>BLACK FEMALE</u>		<u>H/B FEMALE</u>	
1 J & V Wilson	504	1 S & B Miller	322
2 Reginald Day	98	2 James McCarty	308
3 Jerry Horton	84	3 E & W Cooney	182
4 Bonnie Campbell	42	4 R & B Halverson	154
<u>GOLD FEMALE</u>		<u>BREEDER MALE</u>	
1 Warren Burke	308	1 Joe Smith	2380
2 J & J Bardoun	126	2 M & D Lastella	980
3 Don Saurers	112	3 Lou Wasserman	560
4 Ray Winkler	70	4 -- --	--
<u>BREEDER FEMALE</u>		<u>GRAND OVERALL FEMALE</u>	
1 J & V Wilson	672	1 J & V Wilson	1540
2 Jim Sheffner	304	2 E & W Cooney	490
3 T & P Allen	210	3 Ray Walker	420
3 Rich Bader	210	4 Rich Bader	385
3 Michael Ippolito	210	5 T & P Allen	350
		6 S & B Miller	280
		7 R & B Halverson	245
		8 Jerry Horton	210
		9 Warren Burke	140
		9 J & J Bardoun	140
		9 Chester Miarka	140
		9 F & I Chang	140
		9 Frank Barta	140
<u>GRAND OVERALL MALE</u>			
1 M & D Lastella	4340		
2 J & V Wilson	2030		
3 T & P Allen	1750		
4 Jim Thale	1530		
5 Stephen Kwartler	1505		
6 James Coleman, Jr.	1250		
7 David Niedzialkowski	1120		
8 John O'Brien	1050		
9 Joe Smith	980		
9 Charlie Zesch	980		

Please Note: Any correspondence regarding the standings should be directed to:
 Bill Orth
 2609 Marian Ave.
 Lafayette, Indiana 47905
 Phone: (317) 589-8493

We had looked forward for years to the time a Canadian Club would host a show and at last it arrived. I have a feeling that Toronto is a special city anytime of the year but springtime was especially beautiful there. The weekend was a full schedule with judging, speakers, auctions, etc. Tom Allen gave an excellent seminar on "Feeding-Breeding-Record Keeping" which was well attended by all the aquarium hobbyists.

Special hi-lights of the weekend were meeting Bob Fisher and Chris McKay - two Canadian guppy breeders who were very active in the early years of the I.F.G.A. Robert Fisher proved he still has that magic touch with his entries winning in the Snakeskin class. We hop this means we'll be seeing much mor of him again. A special part of my weekend was sight seeing trip with Rosemarie Wiatzka. The entire weekend passed much too quickly - so we're hoping this will only be the first of many more shows in Toronto!! Hats Off to Andy Thornhill and the Canadian Association of Aquarium Clubs for a show well done!!!

We now have new lists of IFGA members and corresponding members (addresses and phone numbers). If you would like either of these lists - please send a stamped, self addressed envelope (large) to the bulletin address. These are free and are current (as of March 1984). Also one envelope per list if you would like both lists.

The past few months we have featured Breeding Techniques of various color strains. The computer and its operator are taking a much needed vacation this month, but the reports will continue in the next issue.

Word has been received that Larry Konig died on April 26th. Mr. Konig was among the first inductees into the Guppy Hall of Fame and is perhaps best remembered in the hobby for his book "Portrait of the Guppy". Our sympathies to the Konig family.

THANK YOU

from Eugene Wiatzka

On behalf of the Guppy Associates of Toronto, Rosemarie and I would like to thank all of you who attended the show this past weekend. To all the exhibitors - thanks for your participation that made the show a success.

THANK YOU

from Stan and Ethel Shubel

Many thanks to the group in Toronto for the plaque. It was a great honor to receive it!!

EAST COAST GUPPY ASSOCIATION Ninth Annual Guppy Show Seven Point IFGA Sanctioned

PLACE: Holiday Inn, 173 Sunrise Highway, Rockville Center, NY

DATE: August 24, 25, 26, 1984

<u>TIME:</u>	<u>Friday</u>	<u>Saturday</u>	<u>Sunday</u>
	7:00 pm, set up	10:00 Benching Starts 5:00 Benching ends 7:30 Judging starts	11:00 open to public 1:30 awards 2:00 auction 2:30 debenching

GENERAL RULES:

1. All entries must be registered by 5:00 p.m. (sharp) on Saturday, Aug. 25. No exceptions will be made.
2. Exhibitors will determine class of fish, however, assistance will be available at the time of entry if needed.
3. All entries improperly classified will be disqualified.
4. No gravel, greens or decorative items will be permitted.
5. East Coast Guppy Assoc. assumes no responsibility for any loss of fish.
6. All entries must have been born and raised in the exhibitors tanks.
7. Fish will be judged with uniform black background. Lighting will be overhead flourescent.
8. Judging will be according to IFGA standards. All decisions are final.
9. All entry fees must be prepaid.
10. Exhibitors would indicate on entry form if they want their fish auctioned. Fifty percent of the auction proceeds will be retained by E.C.G.A. A female must accompany every fish to be auctioned.
11. Fish will not be removed until 2:30 p.m. on Sunday, by an ECGA member to the exhibitor.
12. All tanks and bowls needed will be supplied by E.C.G.A.

ENTRIES:

1. Single entries will be shown in $\frac{1}{2}$ gallon bowls $\frac{3}{4}$ filled with water. A female may be added to male entries, but will not be judged.
Entry Fee \$1.50
2. Tank entries consist of two matched males shown in one gallon containers. One female may be added but will not be judged. Entry Fee \$2.50
3. Breeder males consist of five matched males shown in $1\frac{1}{2}$ gallon tanks. Two females may be added, but will not be judged. Entry Fee \$3.50
4. Breeder females consist of three matched females shown in $1\frac{1}{2}$ gallon tanks. Entry Fee \$3.50
5. Novice class is open to anyone that has not won a first place in IFGA competition. Entry Fee \$1.50

AWARDS:

Trophies for first place in singles, tanks, breeders & best of show winners.

Award cards for second, third and fourth place winners.

Send Those
Guppies East -

Big Apple - June 2-3

Austria - June 10-24

South Jersey - June 23-24

SHIPPED IN ENTRIES:

1. All shipped in entries must be received by Friday, Aug. 24, noon
2. Correct return postage must accompany shipment of fish or they will not be returned.
3. ~~EXP~~Air mail packages should be shipped to John J. O'Brien, 24 Cloister Lane, Hicksville, N.Y. 11801, (516) 796-8191
4. Send Air freight to N.Y. LaGuardia Airport. Mark cartons: CALL ON ARRIVAL: Irwin Solomon (212) 428-7802. (Please call Irwin before shipping to give him approx. time of arrival.)

ACCOMMODATIONS:

Prices, Room reservations, or further information may be made through Mike Lastella, 3340 Yost Blvd., Oceanside, NY 11572 (516-766-3954). Please make reservations by Aug. 4, 1984.

CLASSES:

TANK	DELTA/VEIL
Red	Red
Blue	Blue
Green	Green
Black	Black
Multi	Multi
AOC	AOC
Purple	Purple
H/B Red	H/B Red
H/B Blue	H/B Blue
H/B Yellow	H/B AOC
H/B AOC	Red Bi
Red Bi	Blue/Green Bi
Blue/Green Bi	AOC Bi
AOC Bi	Snakeskin Solid
Snakeskin Solid	Snakeskin Var.
Snakeskin Var.	H/B Pastel
Yellow	
Gold	
Albino	
Bronze	
Sword Single	
Sword Double	
Novice	
H/B Pastel	

FEMALE

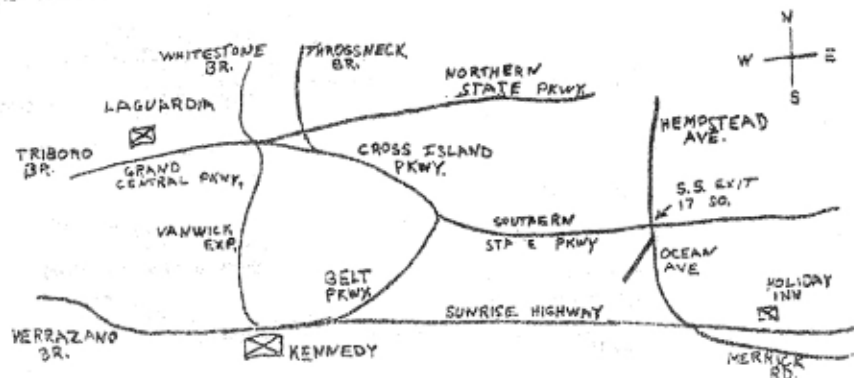
Red
Blue/Green
Black
Gold
AOC
H/B AOC
Novice

COMBINED DELTA/VEIL

Bronze
Albino
Gold
Sword Single
Sword Double
Novice
Yellow
H/B Yellow

BREEDER MALES

BREEDER FEMALES



WHAT'S FOR SUPPER?

Subject: Beef Heart

from Bryan Timmerman
Corresponding Member - Iowa

Here in the land of corn and beef a guppy nut has to look hard for any positive reasons for staying with no guppy clubs found in the cornfields you get to thinking that you are the only one in the state with guppies - I may be??

But just the other day I found one that I always have known was there - Beef Heart is very, very cheap! I went to one of our local lockers and picked up a 5 gallon bucket, 58 pounds worth of beef heart - total cost to me \$2.29. Just think of it - not quite 60 pounds of top grade food for under \$2.50. I sure wish brine shrimp was as cheap, but then don't we all!

I had used beef heart for many years when I only raised discus and angelfish and when I started with guppies I used it with them. They all eat it with as much gusto as they do live brine. Beef Heart is very easy to prepare. Here is all you need:

1 pound Beef Heart
2 Tablespoons unflavored gelatin
1 cup lukewarm water
Blender
Cookie sheet

Take your beef heart and trim all the fat and sinews out of the heart. Then take it and run it through a blender until it is a very fine mix. Take your unflavored gelatin and mix it in the lukewarm water until dissolved. Mix the beef heart and gelatin together and spread over the cookie sheet. Stick the cookie sheet in your freezer. When frozen the beef heart can be cut into smaller squares and put into plastic freezer bags.

To feed the beef heart - take a square out of the freezer and shave off the amount needed with a serrated knife. I have found that a beef heart feeding per day to my breeders gives me larger litters of fry then when I don't feed them beef heart. Also it seems to give my fish a larger body size.

from Jim Woodruff
(Reprint - IFGA)

To start with you will need the following:

1. Ziploc Bags (I prefer the sandwich size)
2. A good sharp knife
3. A meat grinder
4. A Foley Food Mill
5. A blender
6. 1 large beef heart (about 4 lbs.)
7. 3 carrots-fresh about 3" long
8. A box of unflavored gelatin
9. A measuring cup
10. Powdered brewer's yeast
11. Flat surfaces - in and out of freezer

Now the fun begins! Clean the beef heart to remove as much of the fat, skin, and veins as possible. I find it easiest to cut strips about 1 1/2" wide and grip the skin and pull it upwards toward the fat. Sometimes it comes off as one piece. The fat will sometimes come off in a similar fashion. Don't give up...this is the hardest part of fixing what I believe to be a very good food for all types of fish from angel fry to oscars.

Now we grind the heart in the meat grinder (save the Juice). I generally run it through three times, adding the carrots on the last time through. Put a portion of this ground mixture into the Foley Food Mill. Run it through to remove any residue of skin and veins you may have missed while cleaning it. If these pieces are left in, the fish, especially the small ones, may choke to death on them.

WHAT'S FOR SUPPER?.....

Put about 1/2 cup of water in the blender and add the beef heart. Run the blender on LOW until the mixture is a smooth consistency. Add 2 Tablespoons yeast and 1 package gelatin. Pour this mixture into the Ziploc bags - a little practice will tell you how much to put in the bags to get a slab about 1/2 inch. Remove the air bubble, seal, and lay in a shallow pan of water about 180-212°F for about 5 minutes. Remove from the water, dry the bag, add lay on a flat surface until cool, then freeze (be sure to lay the bag flat in the freezer).

If your fish take to this as mine do, you will be glad to make it. It has cut my frozen brine shrimp consumption by about 2/3, at about 1/3 the cost, and with a higher protein count - not to mention the vitamins and minerals. It's work, smelly and messy but I think it is well worth the trouble as my fish are producing more often and larger broods with less loss of fry than when I was feeding more brine shrimp.

I feed the beef heart once a day to all the fish. I break off chunks and work them between my thumb and forefinger for the tiny fish and feed in larger chunks to the large fish. If big pieces fall into the tanks, don't worry as the fish can pick at it all day. I feed it in the morning. If any pieces remain when I check in the evening, I remove it. It will stay together because of the gelatin.

***** NEXT MONTH'S WHAT'S FOR SUPPER? - TUBIFEX WORMS *****

QUESTIONS & ANSWERS

May's Question of The Month - Plants in the guppy aquarium.

ANSWER

from Peter Tedesco
Fancy Finney Friends

I used to have a lot of problems with algae in my guppy tanks. I started to grow water sprite and wisteria in the tanks. After a while they started to grow very large. It was a problem to clean the tanks. When they grew very large they covered the entire water surface and the lights did not light the tanks on the next tier down. So, what I did was to take little pieces with roots and start again with a smaller plant. One day I recieved some more plants from a friend and that is how my tanks got infested with ramshorn snails. They just ate up all of my floating plants.

Did you ever try to get rid of these pests without using chemicals? No way. I even scrabbled and bleached out my tanks, but they came back. They do help somewhat in the aquariums - so I live with it. Now I have switched to duck weed because it keeps down the growth of the algae and nitella because it floats and the fry can hide very well in it. The snails cannot destroy these types of plants. They grow very well and are very hardy like the lettuce type of plants. Every now and then I have to skim the top of the water surface in order to keep the duck weed under control. Sometimes it gets so thick, powdered or flake food will not fall through to the fish so they can not get at it.

QUESTIONS & ANSWERS.....

The nitella stays in a floating mass, like a carpet that is floating. This as it grows, gets very thick and makes a wonderful place for fry to hide. The guppies also like to nibble on the nitella. It is very soft and they pick at it constantly. This is a very good food source for them. If you can have these plants surviving and growing in your guppy tanks then the water quality should be excellent for your guppies. These plants are very sensitive to poor water quality. If they can grow in your tanks then you must be doing something right. Keep up the good work.

ANSWER

from Jennifer Fitzpatrick
Corresponding Member - Michigan

I'm sure that all of us guppy lovers have a show tank - be it's contents our guppies that are too old to show, yet are too soft hearted to throw them away or other types of fish. I confess that sometimes I don't dispose of old fish either for the simple reason that they came out so good in proportion that I like to sit back and look at them thinking how well the progress is in that particular strain. So let's face it - we all like plants in at least one of our tanks do we not?

Plants provide our show tanks with depth and perception. I recommend that you plant tall plants along the back wall of your tank using the bushy ones to cover filter tubes and heaters. The medium size ones go nicely next to the sides of your tank making you pick out a perception point. You can give your tank a lawn by putting short plants in both of the front corners. In doing this be sure that you make a triangle, the wide part being against the wall thinning out as it ends about three inches out along the front pane of your tank. For a finishing touch you might like to add a slate or shale based driftwood in the very center of your tank or add a nice sword plant.

I find this method very appealing to the eyes, yet it gives the fish space to move around and allows the fish with poor eye sight to feel where they are going before bumping into the walls of the tank and getting bruised.

I always give my new plants at least twenty four hours of light for the first couple of days so they can adjust to their environment. After the adjustment period you can cut the light down to eight hours a day. Penn Plax makes very good fluorescent light bulbs for your tank that do not induce algae growth. However, if your tank is in front of a sunny window you will most likely have green algae growing in your tank. It does not harm your fish in any means but is unsightly. In order to remove it you might consider purchasing an Chinese Algae Eater or a Plecostomus. If you have a large tank (over fifteen gallon) the plecostomus would be better as they grow to four -five inches in length. Silver Dollars and Goldfish eat plants so please don't make the mistake of letting them have a nice salad for lunch on your budget! If you do notice other fish in your tank nibbling on the plants they are lacking vegetable matter in their diet and should be fed Algae Flakes by Tetra Min. In the event that your plants are browning up give them a dose of Plant Saver by Jungle as it will give them a little pep to grow. You can also make your own plant food by putting one teaspoon of Epsom Salts per ten gallon of water once a month. If you choose to make your own you must watch your Ph level as the salts will raise your pH over a period of time. This can be stopped by syphoning 25% of the old water from the bottom of your tank on a monthly basis. Ph is very important and should be kept at 7.0 with a hardness (Dh) of medium to medium hard. The temperature should be kept at 75 degrees F. Do not put algicides into your water as they will kill all your plants.

QUESTIONS & ANSWERS

BUNCH PLANTS - May be planted by stripping of one inch of the leaves off the bottom of the plant and removing the rubber band. Simply cover up the roots of the plants with $\frac{1}{4}$ inch of gravel making sure they are spread out a little.

SWORD PLANTS - Most will loose thier leaves, those that turn yellow should be pinched off at the base in order to let the new leaves come. Spotting may occur that will disappear with in a few weeks with new growth. Don't dispair as this is all normal adaptation to their new environment.

CRYPTOCORYNES (CRPPTS) - Most always these plants will die back completely and new growth will come from the root stock in one or two weeks.

BRACKISH WATER - Plants selected for this type of aquarium should have waxy leaves and low salinity levels. The puffer will rid any snails you might have in your brackish water tank but must be taken out after all the snails are gone as he will become quite aggressive. You can also use him in a freshwater tank but must be placed back into a brackish one as soon as possible as he will not live long in freshwater due to his cell structure.

Under gravel filters and outside filters are very good in maintaining a tank as when used together they are second to nature in stabilizing a bacterial balance important to your close echo system. Good luck to all those guppy lovers who have a show tank. I hope my hints on growing plants were helpful to all of you.

June's Question of The Month - How often do you change your filters - weekly, monthly - Why?

NOTE FROM ASTRID YOUNG

There is to be a meeting in Vienna on June 8-10, 1984 which will be the annual assembly of "Aqua - Terra - International". It would be quite important to be able to present wide-spread guppy facts at the Guppy Workshop '84. Would it be possible for some of you in the IPGA to drop me a few lines that I may present at this meeting?

I do believe that Guppy-Highbreeding has to be considered more wider and more open than many people do at the present time. Due to this I try more and more to interest breeders of different countries in the guppy. Please support this effort! Many projects or successful activities, even every single success in breeding, can be the start of new events in other places. An exchange of information and experiences is the best sign of a good cooperation.

Please send any ideas you may have to:

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Austria

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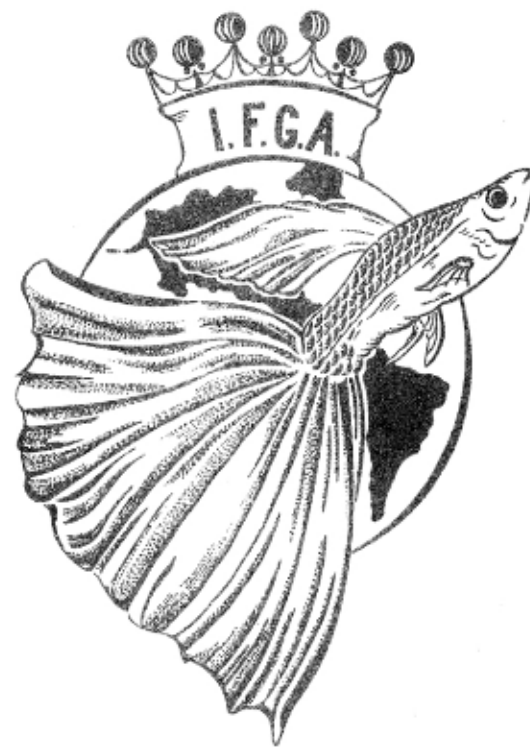
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*International
Fancy
Guppy
Association*



DATE JUL 1984

Official
Publication

International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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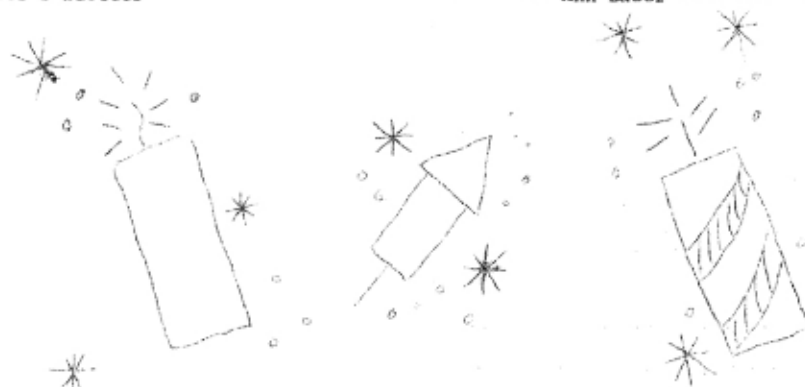
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There have been a few incidents at the last two shows of entries arriving late which makes this an appropriate time to write a few words on the topic of shipping. When shipments come in late, nobody wins as the host club is deprived of the entry income and the exhibitor has lost any chance to win an award. We all are very dependent on the postal service as the primary means of getting our fish to shows. In past years, you could be assured that anything shipped via air mail would reach the destination in two days. Now the only thing we can say for sure is that the service is unpredictable - just about the time you get your confidence at its peak, you find out that your entries never arrived for judging. When this happens we are quick to blame the host club for our troubles although seldom are they responsible. Remember, it is your responsibility as an exhibitor to check the rules carefully as the entry cut-offs will vary from show to show. If you have had difficulty, however, there are some other options available to you: (1) if "priority" mail is your choice, try shipping one or two days earlier in the week; (2) talk to the clerk at your local post office to learn their cut-offs and station-to-station routes your shipment will take - dropping the package off at the main station might get it on its way a full day sooner; (3) try shipping via "express" mail which guarantees delivery in 24 hours. Since so many of our shows are held miles from the home of the person accepting entries, try your best to get your fish to the show well in advance of benching. This will keep someone from having to make a special trip home from the hotel to retrieve another shipment.

At this point, 70% of our show season is history. The old adage of "time flies when you're having fun" must be true since it seems like only last week that we were enjoying the annual show hosted by E.C.G.A. There still is 30% of the season to go and the clubs hosting these shows (Milwaukee, Buckeye and East Coast) need your support too. Without your help (entries), their chance of having a successful and profitable show is slim at best.

SHOW SCHEDULE 1984

CLUB	SHOW DATE	CLASSES DUE	RESULTS
Maumee Valley Guppy Association	April 7-8	May	
Pan Pacific Guppy Association	April 21-22	June	
Guppy Associates International Chicago	May 5-6	June	
Canadian Guppy Club	May 19-20	July	
Big Apple Guppy Club	June 2-3	July	
South Jersey Guppy Group	June 23-24	July	
Guppy Associates of Milwaukee	July 21-22		
Buckeye Fancy Guppy Club	August 4-5		
East Coast Guppy Association	August 25-26		
Gateway Guppy Association	November 2-3-4	August 2	

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association

Meetings: South Jersey Guppy Group and Gateway Guppy Association

CANADIAN GUPPY CLUB RESULTS

Entries 462

May 19-20/84

JUDGES: Tom Allen, Ted Lobello, Vi Golimowski, Gene Golimowski, Paul Blood, Jim Thale, Stan Shubel, Ethel Shubel, Rich Bader, .
ASST. JUDGES: Jamey Magnifico, Eugene Wiatzka, Pat Allen, John Wilson,
OBSERVERS: Ed Regec, Cathy Tasso, John Rizzo, Frank Barta, Andy Thornhill,

BEST OF SHOW

MALES: (Blue Delta) (Red Delta) (H/B AOC Delta) (Purple Veil)
Joe Smith Stan Shubel L.S. Blaylock Eugene Golimowski

FEMALES: (H/B AOC) (AOC) (BL/GR) (Black)
Warren Burke Rich Bader S.B. Miller J.&V. Wilson

TANK: (Blue) (Purple) (Green) (Red)
Joe Smith M&D Lastella Rev. Lloyd Groenke Stan Shubel

BREEDER MALES (4)
Joe Smith Joe Smith M&D Lastella Steve Kwarlter

BREEDER FEMALES: (6)
J&V Wilson Frank Barta Warren Burke Rich Bader

	TANK	DELTA	VEIL
RED:	(10)	(10)	(5)
	Stan Shubel	Stan Shubel	John O'Brien
	Joe Shith	John O'Brien	John O'Brien
	John O'Brien	Mark Miarka	John O'Brien
	John O'Brien	JOE Smith	John O'Brien
BLUE:	(10)	(18)	(3)
	Joe Smith	Joe Smith	Eugene Wiatzka
	Joe Smith	M&D Lastella	Disq.
	Joe Smith	Stan Shubel	Disq.
	M&D Lastella	J&V Magnifico	
GREEN:	(9)	(8)	(5)
	Rev. Lloyd Groenke	R&B Halverson	M&D Lastella
	Mark Miarka	R&B Halverson	Rev. Lloyd Groenke
	Rev. Lloyd Groenke	R&B Halverson	Rev. Lloyd Groenke
	Rev. Lloyd Groenke	Jim Thale	Disq.
BLACK:	(3)	(5)	(2)
	J&V Wilson	Everett Gold	J&V Wilson
	J&V Wilson	Jim Thale	J&V Wilson
	J&V Wilson	J&V Wilson	
		J&V Wilson	
MULTI:	(2)	(7)	(6)
	Warren Burke	Arthur Hintz	J&V Wilson
	J&V Wilson	E&M Cooney	Frank Shulterbrandt
		Arthur Hintz	Frank Shulterbrandt
		Arthur Hintz	Warren Burke

	TANK	DELTA	VEIL
AOC:	(3)	(5)	(2)
S&B Miller		Mark Miarka	S&B Miller
S&B Miller		J&V Wilson	S&B Miller
S&B Miller		S&B Miller	
		S&B Miller	
PURPLE:	(8)	(10)	(8)
M&D Lastella		M&D Lastella	Eugene Golimowski
T&P Allen		T&P Allen	M&D Lastella
T&P Allen		J&V Wilson	Eugene Golimowski
T&P Allen		T&P Allen	T&P Allen
H/B RED:	(14)	(10)	(6)
Stan Shubel		Stan Shubel	Eugene Golimowski
Vic Piteo		Stan Shubel	Vic Piteo
Vic Piteo		Vic Piteo	Vic Piteo
Everett Gold		E&M Cooney	Vic Piteo
H/B BLUE:	(6)	(7)	(1)
M&D Lastella		Chester Miarka	Disq.
Chester Miarka		Chester Miarka	
J&J Magnifico		Chester Miarka	
Chester Miarka		Allen Heels	
H/B Pastel	(0)	(6)	(1)
		Mark Miarka	Tony Sabatasso
		Tony Sabatasso	
		Tony Sabatasso	
		Andy Thornhill	
H/B GOLD	(0)	(0)	(0)
H/B Yellow	(3)	(4)	(3)
Charlie Zesch		Charlie Zesch	Charlie Zesch
Charlie Zesch		Charlie Zesch	Charlie Zesch
Jim Thale		Jim Thale	Jim Thale
		Disq.	
H/B AOC	(4)	(12)	(4)
Steve Kwarlter		I&S Blaylock	Steve Kwarlter
Steve Kwarlter		M&D Lastella	Steve Kwarlter
Steve Kwarlter		John Maslar	Steve Kwarlter
Steve Kwarlter		Steve Kwarlter	Steve Kwarlter
RED BI:	(1)	(12)	(5)
Bev Richmond		Bev Richmond	Ted Lobello
		Bev Richmond	Eugene Golimowski
		Bev Richmond	Ted Lobello
		Bev Richmond	Ted Lobello

C.G.C. RESULTS

	TANK	DELTA	VEIL
BL/GR BI:	(5)	(14)	(6)
David Niedzialkowski		David Niedzialkowski	David Niedzialkowski
David Niedzialkowski		David Niedzialkowski	David Niedzialkowski
David Niedzialkowski		David Niedzialkowski	Eugene Golimowski
David Niedzialkowski		K&K Hawley	Disq.
AOC BI:	(4)	(6)	(5)
Warren Burke		J&V Wilson	Warren Burke
Jim Jirku		S&B Miller	Jim Jirku
Jim Jirku		Jim Jirku	Warren Burke
Disq.		Warren Burke	Warren Burke
SNAKESKIN SOLID:	(3)	(8)	(5)
T&P Allen		J&J Magnifico	Eugene Golimowski
Frank Orteca		Frank Orteca	T&P Allen
Frank Orteca		T&P Allen	T&P Allen
		T&P Allen	T&P Allen
SNAKESKIN VAR.:	(7)	(14)	(8)
Robert Fisher		Robert Fisher	Rich Bader
M&D Lastella		Robert Fisher	Rich Bader
Rich Bader		Rich Bader	J&J Magnifico
Rich Bader		Rich Bader	J&V Wilson
YELLOW:	(2)	(1)	(3)
Ray Winkler		Ray Winkler	Rich Serva
Ray Winkler			Ray Winkler
			Disq.
	TANK	COMBINED	
SINGLE SWORDTAIL:	(5)	(5)	
Don Saurers		Jim Thale	
Jim Thale		Don Saurers	
Jim Thale		Jim Thale	
Jim Thale		Jim Thale	
DOUBLE SWORDTAIL:	(4)	(7)	
Jim Thale		Jim Thale	
Jim Thale		Don Saurers	
Don Saurers		Jim Thale	
Jim Thale		Jim Thale	
ALBINO:	(5)	(6)	
James Coleman Jr.		James Coleman Jr.	
Eugene Golimowski		James Coleman Jr.	
Bev Richmond		James Coleman Jr.	
F&I Chang		Bev Richmond	
BRONZE:	(5)	(13)	
T&P Allen		T&P Allen	
T&P Allen		T&P Allen	
Eugene Golimowski		T&P Allen	
T&P Allen		T&P Allen	

C.G.C. RESULTS

TANK		COMBINED
GOLD:	(0)	(2) Eugene Golimowski Disq.
NOVICE:	(1) Saunders & Richardson	(2) Cheryl Harris Paul Evans

FEMALES			
RED: (6)	BL/GR (II)	BLACK (6)	AOC (I6)
Chester Miarka	S&B Miller	J&V Wilson	Rich Bader
Chester Miarka	R&B Halverson	J&V Wilson	Rich Bader
Chester Miarka	R&B Halverson	D&R Rush	J&V Wilson
Chester Miarka	R&B Halverson	D&R Rush	Frank Barta
H/B AOC (I2)	GOLD (8)	H/B RED	NOVICE
Warren Burke	Don Saurers	S&B Miller	Allen Heels
E&M Cooney	Ed Regec	James McCarty	Terry Bryant
S&B Miller	Disq.	James McCarty	Saunders & Richardson
Warren Burke	Disq.	Disq.	Cheryl Harris

Our show was a great success and many thanks to those of you that helped with the judging, records, benching and debenching of the guppies. It goes to show others that we belong to a great organization that will pitch in where needed.

THANKS I.F.G.A.

C.G.C. RESULTS.....

Please Note: The following are corrections to the Canadian Show Results -

Black Class - Veil - 2nd place- S & B Miller
H/B AOC Class - Veil - 4th place- Disq.
Snakeskin Var. Class - Delta - 4th place- Robert Fisher
Bronze - Tank - 4th place- J & V Wilson
H/B Red Female - 4th place- James McCarty

These corrections were not discovered until after the standings were figured and are Not reflected in the May 21st standings as they appear in this bulletin. Bill has been notified and it will be corrected.

OPEN LETTER TO MEMBERS OF THE IFGA

from East Coast Guppy Association

As most of you know, the East Coast Guppy Association has been presenting an annual award "Club of the Year" to the member club of the IFGA that has contributed the most towards the well being of the IFGA.

As the time draws near to chose the Club of the Year for 1984, we would appreciate your suggestions as to which member club should receive this award. All suggestions will be taken into consideration. Please let us know by August 31, 1984 who you feel is most deserving of this honor. Thank you for your help. Mail your suggestions to: Mike & Doris Lastella
3340 Yost Blvd.
Oceanside, N.Y. 11572

NORWALK AQUARIUM SOCIETY SHOW

The Norwalk Aquarium Society of Fairfield County, Inc. will present its Nineteenth Annual Show and Exhibition at the Nature Center for Environmental Activities, 10 Woodside Lane, Westport, Connecticut, on October 20 and 21, 1984. The show will feature the Fourteenth Annual International Catfish Championship. For information concerning entries and exhibits, please contact:

Mr. James O'Brien
14 Old Saugatuck Road
East Norwalk, Connecticut 06855 or
Phone: (203) 838-0494

Mr. Jack Adinolfi
6 Sunset Strip
Westport, Connecticut 06880
Phone: (203) 227-4370

Don't forget - Milwaukee in July
Akron in August

I.F.G.A. POINT STANDINGS AS OF MAY 21, 1984

RED CLASS	PTS	BLUE CLASS	PTS
1 John O'Brien	2142	1 Joe Smith	1428
2 Paul Gorski	588	2 M & D Lastella	392
3 Stan Shubel	294	3 Jim Alderson	336
4 T & N Zielinski	196	4 Stan Shubel	196
<u>GREEN CLASS</u>		<u>BLACK CLASS</u>	
1 Rev. Lloyd Groenke	1064	1 J & V Wilson	1974
2 M & D Lastella	980	2 Bryan Chin	350
3 R & B Halverson	630	3 Louis Wasserman	168
4 Paul Gorski	322	4 Jerry Horton	140
<u>MULTI CLASS</u>		<u>PURPLE CLASS</u>	
1 Bev Richmond	882	1 T & P Allen	1554
2 Arthur Hintz	714	2 M & D Lastella	1204
3 J & V Wilson	630	3 Eugene Golimowski	602
4 Frank Schulerbrandt	574	4 J & V Wilson	392
<u>AOC CLASS</u>		<u>YELLOW CLASS</u>	
1 S & B Miller	1414	1 Ray Winkler	1162
2 Steve Sparrow	602	2 Frank Schulerbrandt	140
3 Mark Miarka	280	3 Rich Serva	112
4 Jim Thale	70	4 Frank Orteca	70
		4 Everett Gold	70
<u>GOLD CLASS</u>		<u>BL/GR BICOLOR CLASS</u>	
1 Eugene Golimowski	588	1 David Niedzialkowski	2404
2 Dr. Tay Kah Seng	140	2 Steve Sparrow	476
3 Jim McCarty	56	3 Eugene Golimowski	112
4 --	--	4 K & K Hawley	84
<u>ALBINO CLASS</u>		<u>AOC BICOLOR CLASS</u>	
1 James Coleman, Jr.	2254	1 Jim Jirku	2436
2 F & I Chang	602	2 Warren Burke	420
3 Warren Burke	182	3 Paul Gorski	182
4 Eugene Golimowski	140	4 Stan Shubel	140
<u>BRONZE CLASS</u>		<u>H/B RED CLASS</u>	
1 T & P Allen	1428	1 Vic Piteo	1708
2 J & V Wilson	840	2 Louis Wasserman	388
3 Rich Bader	378	3 James McCarty	308
4 Eugene Golimowski	364	4 Eugene Golimowski	294
<u>RED BICOLOR CLASS</u>		<u>H/BLUE CLASS</u>	
1 Bev Richmond	1148	1 Chester Miarka	354
2 Ted Lobello	462	1 M & D Lastella	854
3 Bob Peterson	364	3 J & M Mackey	448
4 Jim Jirku	336	4 Louis Wasserman	238
<u>H/B PASTEL CLASS</u>		<u>SWORDTAIL CLASS</u>	
1 T & N Zielinski	994	1 Jim Thale	3920
2 Darrell Johnson	784	2 Don Saurers	574
3 James Kolb	294	3 J & V Wilson	490
4 Anthony Sabatasso	224	4 Karl Liedl	140

STANDINGS.....

H/B AOC CLASS	PTS	H/B YELLOW CLASS	PTS
1 Stephen Kwartler	2746	1 Charlie Zesch	1470
2 L & S Blaylock	350	2 Jim Thale	882
3 M & D Lastella	266	3 Andy Thornhill	210
4 J & V Wilson	182	4 J & B Longer	140
		4 Aquatic Gardens	140
<u>SNAKESKIN CLASS</u>		<u>RED FEMALE</u>	
1 T & P Allen	1736	1 Chester Miarka	644
2 Rich Bader	1456	2 F & I Chang	140
3 M & D Lastella	1274	3 Arthur Hintz	84
4 Frank Orteca	588	4 Ray Walker	70
<u>BL/GR FEMALE</u>		<u>AOC FEMALE</u>	
1 S & B Miller	406	1 Rich Bader	336
2 R & B Halverson	336	2 Frank Barta	294
3 T & P Allen	154	3 J & V Wilson	182
4 Eugene Wiatzka	42	4 Jerry Horton	112
4 Michael Ippolito	42		
<u>BLACK FEMALE</u>		<u>H/B FEMALE</u>	
1 J & V Wilson	630	1 Jim McCarty	434
2 Reginald Day	98	1 S & B Miller	434
3 Jerry Horton	84	3 E & W Cooney	238
4 D & R Rush	70	4 R & B Halverson	154
<u>GOLD FEMALE</u>		<u>BREEDER MALE</u>	
1 Warren Burke	308	1 Joe Smith	3010
2 Don Saurers	182	2 M & D Lastella	1190
3 J & J Bourdon	126	3 Louis Wasserman	5602
4 Ray Winkler	70	4 Stephen Kwartler	140
<u>BREEDER FEMALE</u>		<u>GRAND OVERALL MALE</u>	
1 J & V Wilson	882	1 M & D Lastella	5040
2 Frank Barta	336	2 J & V Wilson	2380
3 Jim Sheffner	304	3 T & P Allen	2100
4 Rich Bader	294	4 Jim Thale	1810
		5 Stephen Kwartler	1715
<u>GRAND OVERALL FEMALE</u>		5 Joe Smith	1715
1 J & V Wilson	1890	7 James Coleman, Jr.	1470
2 Rich Bader	595	8 David Niedzialkowski	1400
3 S & B Miller	525	9 Charlie Zesch	1260
4 E & W Cooney	490	10 Eugene Golimowski	1120
5 Ray Walker	420	10 John O'Brien	1120
6 Warren Burke	385	10 Bev Richmond	1120
7 T & P Allen	350		
8 R & B Halverson	245		
9 Jerry Horton	210		
9 Chester Miarka	210		

PLEASE NOTE: These standings are as of May 21, 1984 and do NOT include the points from the Big Apple and South Jersey Shows!!

June 2-3, 1984

BIG APPLE GUPPY CLUB

SHOW RESULTS

430 Entries

JUDGES: Paul Gorski, Barbara Hirth, Dennis Hirth, Frank Jamiol, Doris Lastella, Mike Lastella, Dave Polunas

ASS'T JUDGES: Paul Blood, Bonnie Campbell, Fred Fragasso, Vic Piteo

OBSERVERS: Kellie Hirth, Emily Derrickson, Peter Tedesco, Steve Guyger, Stephen Kwartler, Dave Kuzio, Carol Kuzio, Paul Jacobs

BEST OF SHOW

TANK: (Red) (Purple) (Blue) (H/B Blue)
1 Paul Gorski 2. M & D Lastella 3. M & D Lastella 4. M & D Lastella

MALE: (Red Delta) (Green Delta) (H/B AOC Delta) (H/B AOC Veil)
1. John O'Brien 2. R & B Halverson 3. L & S Blaylock 4. Stephen Kwartler

FEMALE: (H/B AOC) (Novice) (Bl/Gr) (H/B Red)
1. Warren Burke 2. Al Blunt 3. Al Blunt 4. Harold Bryant

	TANK	DELTA	VEIL
RED:	(13)	(15)	(8)
Paul Gorski		John O'Brien	Paul Gorski
Paul Gorski		Paul Gorski	M & D Lastella
John O'Brien		John O'Brien	John O'Brien
John O'Brien		Paul Gorski	John O'Brien
BLUEY	(5)	(15)	(3)
M & D Lastella		Joe Smith	M & D Lastella
Joe Smith		M & D Lastella	M & D Lastella
Frank Barta		M & D Lastella	Disq.
James Alderson		James Alderson	
GREEN:	(8)	(13)	(9)
Rev. Lloyd Groenke		R & B Halverson	Rev. Lloyd Groenke
Rev. Lloyd Groenke		R & B Halverson	Rev. Lloyd Groenke
R & B Halverson		R & B Halverson	Rev. Lloyd Groenke
Rev. Lloyd Groenke		R & B Halverson	Rev. Lloyd Groenke
PURPLE:	(?)	(5)	(8)
M & D Lastella		M & D Lastella	T & P Allen
J & V Wilson		M & D Lastella	Eugene Golimowski
T & P Allen		T & P Allen	Eugene Golimowski
M & D Lastella		T & P Allen	M & D Lastella
BLACK:	(2)	(9)	(6)
Paul Jacobs		Bryan Chin	Paul Jacobs
Paul Jacobs		Bryan Chin	J & V Wilson
		Bryan Chin	Disq.
		Paul Jacobs	Disq.
MULTI:	(3)	(8)	(5)
Warren Burke		Arthur Hintz	Arthur Hintz
Warren Burke		S & L Corandan	Frank Schulterbrandt
Warren Burke		Arthur Hintz	Disq.
		S & L Corandan	Disq.

B.A.G.C. RESULTS.....

	TANK	DELTA	VEIL
YELLOW:	(3)	(4)	(3)
David Polunas		David Polunas	David Polunas
Ray Winkler		Disq.	Ray Winkler
David Polunas		Disq.	Disq.
H/B RED:	(7)	(7)	(5)
James McCarty		Vic Piteo	Eugene Golimowski
James Alderson		James McCarty	Vic Piteo
James Alderson		Vic Piteo	Vic Piteo
Vic Piteo		Vic Piteo	Vic Piteo
H/B PASTEL:	(4)	(3)	(1)
J & J Kolb		Tony Sabatasso	Tony Sabatasso
J & J Kolb		Mark Miarka	
J & J Kolb		Tony Sabatasso	
J & J Kolb			
H/B BLUE:	(8)	(8)	(5)
M & D Lastella		M & D Lastella	Frank Barta
J & J Magnifico		Chester Miarka	Chester Miarka
M & D Lastella		Chester Miarka	M & D Lastella
M & D Lastella		M & D Lastella	Jim Thale
H/B AOC:	(?)	(12)	(5)
Stephen Kwartler		L & S Blaylock	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler
Stephen Kwartler		Stephen Kwartler	Stephen Kwartler
M & D Lastella		Stephen Kwartler	Disq.
BL/GR BI:	(1)	(2)	(1)
Peter Tedesco		Peter Tedesco	Disq.
		Eugene Golimowski	
RED BI:	(1)	(8)	(4)
Arthur Hintz		Bev Richmond	Ted Lobello
		Arthur Hintz	Ted Lobello
		Bev Richmond	Ted Lobello
		Bev Richmond	Ted Lobello
AOC BI:	(7)	(8)	(6)
Warren Burke		Warren Burke	Jim Jirku
Warren Burke		Jim Jirku	Jim Jirku
Warren Burke		Jim Jirku	Jim Jirku
Jim Jirku		Warren Burke	Warren Burke
AOC:	(3)	(4)	(1)
Disq.		S & B Miller	Eugene Golimowski
Disq.		S & B Miller	
Disq.		Disq.	
Disq.		Disq.	
SLAKESKIN SOLID:	(6)	(10)	(3)
Frank Orteca		Frank Orteca	T & P Allen
Frank Orteca		T & P Allen	T & P Allen
T & P Allen		M & D Lastella	Disq.
Frank Orteca		T & P Allen	

B.A.G.C. RESULTS.....

	TANK	DELTA	VEIL
SNAKESKIN VAR.:	(10)	(12)	(10)
John Chan Eng		Rich Bader	Rich Bader
M & D Lastella		Rich Bader	M & D Lastella
Rich Bader		Stephen Kwartler	Rich Bader
Rich Bader		David Polunas	J & V Wilson
H/B GOLD:	(0)		(0)
GOLD:	(0)		(4)
			Eugene Golimowski
			Disq.
			Disq.
			Disq.
NOVICE:	(2)		(3)
Al Blunt			Al Blunt
S & L Corandan			S & L Corandan
			Al Blunt
BRONZE:	(2)		(3)
T & P Allen			Eugene Golimowski
Eugene Golimowski			T & P Allen
			T & P Allen
ALBINO:	(11)		(10)
James Coleman, Jr.			James Coleman, Jr.
James Coleman, Jr.			James Coleman, Jr.
James Coleman, Jr.			Warren Burke
Warren Burke			James Coleman, Jr.
H/B YELLOW:	(3)		(3)
Jim Thale			Jim Thale
Disq.			Peter Tedesco
Disq.			Disq.
SWORDTAIL:	(1)		(1)
Jim Thale			Jim Thale
1/2 PINK BODIED:	(2)		(2)
Stephen Kwartler			Stephen Kwartler
David Polunas			David Polunas
ANY OTHER SHAPE:	(0)		(3)
			Al Blunt
			Al Blunt
			Disq.

FEMALES

RED: (5)	BLUE/GREEN: (7)	BLACK: (?)
Chester Miarka	Al Blunt	J & V Wilson
Mark Miarka	S & B Miller	D & R Rush
Chester Miarka	Harold Bryant	D & R Rush
Chester Miarka	Frank Barta	D & R Rush

B.A.G.C. RESULTS.....

	FEMALES	
H/B RED: (6)	H/B AOC: (10)	AOC: (14)
Harold Bryant	Warren Burke	S & B Miller
S & B Miller	James McCarty	Mark Miarka
James McCarty	S & B Miller	Frank Barta
S & B Miller	Harold Bryant	Mark Miarka
GOLD: (6)	NOVICE: (2)	
Al Blunt	Al Blunt	
Al Blunt	Al Blunt	
Warren Burke		
Warren Burke		

LETTER

from Pete Tedesco

I went to one of the local shows here in New Jersey and I was wondering why the shelves were not filled with more guppies? The entries for the weekend you could say were about average or a little better. It could have been a lot more, I'm sure. What happened to the support??? Maybe the fish were too fatigued from the trip to Canada?

There was also a rumor floating around about the Big Apple not having a show next year. Let me say that if they need help, I'm sure that whoever was there in the past will be there again to help. If you need any help, just ask and we will be glad to pitch in anytime. Then there was the auction - only 3 fish??

Let's get those beautiful fish out there to help other clubs. Let's keep the strains going. If you do not want a strain anymore and are thinking about cutting back on time and labor - send them into the auctions or put the word out that you are selling some very excellent quality breeding and show stock. Some of us are looking for better or even another strain to work with.

Let me say that once again I was glad to see some of my friends and of course we had a wonderful time at the hospitality room. The Big Apple Group really made us comfortable and there was more than enough to eat and drink. We even had plenty to help us breakdown at the end of the show.

Bring those fish and help out at the remaining shows!!!

ATTENTION!!!

ATTENTION!!!

ATTENTION!!!

We need pictures for the Anniversary issue which will be published in October. I'm requesting this early because of the very late last minute pictures we received last year. The pictures may be either black/white or colored and they will be returned to you. The main subject this year will be photos of various fish room setups. Let's try to have each club in the IFGA represented in our picture section. The absolute deadline for this will be SEPTEMBER 15th!!! Pictures maybe sent to: Ann Bader, Box 197, Tontogany, Ohio 43565 or Jamey & Julie Magnifico, 54 King St., Nutley, New Jersey 07110.

June 23-24, 1984

SOUTH JERSEY GUPPY GROUP
SHOW RESULTS

490 Entries

JUDGES: Tom Allen, Rich Bader, Everett Gold, Eugene Golimowski, Vi Golimowski,
Paul Gorski, Barbara Hirth, Ted Lobello, Frank Orteca, David Polunas, Mike LastellaASS'T JUDGES: Rich Serva, Paul Blood, Eugene Wiatzka, Bonnie Campbell, Bill
Schoenbauer, Jim Thale, Pat Allen, Vic Piteo, Jamey Magnifico, Terry WasylinkOBSERVERS: John Rizzo, Elvin Cooney, Ralph Ackerman, Albert Blunt, Dan Fitel,
Warren Burke, Vernon Stuart, Stephen Corandan, Linda Corandan, Irwin Solomon,
Peter Tedesco

BEST OF SHOW

MALES: (Red Delta)	(Blue Delta)	(H/B Yellow)	(Green Delta)
1 John O'Brien	2 Paul Gorski	3 Charlie Zesch	4 R & B Halverson

TANK: (Red)	(H/B Pastel)	(Purple)	(H/B Blue)
1 Paul Gorski	2 Bev Richmond	3 M & D Lastella	4 M & D Lastella

FEMALE: (H/B AOC)	(AOC)	(Black)	(H/B Red)
1 E & W Cooney	2 Rich Bader	3 D & R Rush	4 Harold Bryant

BREEDER MALE: (7)			
1 Joe Smith	2 Joe Smith	3 Paul Gorski	4 Joe Smith

BREEDER FEMALE: (4)			
1 Frank Barta	2 Jim Ryan	3 Warren Burke	4 Rich Bader

RED:	TANK	DELTA	VEIL
	(8)	(11)	(7)
Paul Gorski		John O'Brien	Paul Gorski
Paul Gorski		Frank Mormino	John O'Brien
Paul Gorski		John O'Brien	John O'Brien
John O'Brien		John O'Brien	Eugene Golimowski

BLUE:	(8)	(19)	(3)
Joe Smith		Paul Gorski	Disq.
Frank Barta		Joe Smith	Disq.
Joe Smith		Joe Smith	Disq.
Joe Smith		Terry Wasylink	

GREEN:	(11)	(7)	(8)
R & B Halverson		R & B Halverson	M & D Lastella
R & B Halverson		R & B Halverson	Rev. Lloyd Groehke
M & D Lastella		M & D Lastella	Rev. Lloyd Groenke
R & B Halverson		T & P Allen	Disq.

PURPLE:	(5)	(10)	(7)
M & D Lastella		M & D Lastella	T & P Allen
T & P Allen		M & D Lastella	Peter Tedesco
M & D Lastella		T & P Allen	M & D Lastella
T & P Allen		T & P Allen	Disq.

BLACK:	(7)	(13)	(1)
D & R Rush		Everett Gold	Paul Jacobs
D & R Rush		Bryan Chin	
D & R Rush		Dan O'Real	
Bryan Chin		Bryan Chin	

S.J.G.G. RESULTS.....

	TANK	DELTA	VEIL
MULTI:	(8)	(11)	(9)
Frank Mormino		Frank Mormino	Bev Richmond
Warren Burke		Arthur Hintz	Frank Orteca
Warren Burke		Arthur Hintz	Warren Burke
Bev Richmond		Warren Burke	Arthur Hintz
YELLOW:	(3)	(3)	(4)
Dave Polunas		Ray Winkler	Dave Polunas
Ray Winkler		Dave Polunas	Dave Polunas
D.O.B.		Disq.	Dave Polunas
			Ray Winkler
H/B RED:	(13)	(9)	(7)
Irwin Solomon		Irwin Solomon	Vic Piteo
Irwin Solomon		Irwin Solomon	Vic Piteo
M & D Lastella		James McCarty	Vic Piteo
James McCarty		Everett Gold	Vic Piteo
H/B PASTEL:	(8)	(7)	(1)
Bev Richmond		Anthony Sabatasso	B & K Curran
Anthony Sabatasso		Anthony Sabatasso	
Anthony Sabatasso		Mark Miarka	
Anthony Sabatasso		Anthony Sabatasso	
H/B BLUE:	(6)	(7)	(7)
M & D Lastella		M & D Lastella	Leonard Buttafuoco
Leonard Buttafuoco		M & D Lastella	Chester Miarka
J & J Magnifico		Leonard Buttafuoco	Frank Barta
M & D Lastella		Chester Miarka	Chester Miarka
H/B AOC:	(6)	(16)	(5)
Stephen Kwartler		Stephen Kwartler	Stephen Kwartler
Stephen Kwartler		M & D Lastella	Stephen Kwartler
Stephen Kwartler		L & S Blaylock	Stephen Kwartler
M & D Lastella		Stephen Kwartler	Stephen Kwartler
BL/GR BI:	(8)	(3)	(2)
		Disq.	Disq.
		Disq.	Disq.
		Disq.	
RED BI:	(4)	(4)	(4)
Ted Lobello		Bev Richmond	Ted Lobello
Ted Lobello		Eugene Wiatzka	Ted Lobello
Bev Richmond		E & W Schoenbauer	Ted Lobello
Arthur Hintz		Eugene Golimowski	Ted Lobello
AOC BI:	(6)	(5)	(7)
Jim Jirku		Jim Jirku	Jim Jirku
Warren Burke		Warren Burke	Everett Gold
Warren Burke		Warren Burke	Warren Burke
Warren Burke		Disq.	Warren Burke
AOC:	(1)	(1)	(4)
S & B Miller		S & B Miller	Eugene Golimowski
			Eugene Golimowski
			Leonard Buttafuoco
			Leonard Buttafuoco

S.J.G.G. RESULTS.....

	TANK	DELTA	VEIL
SNAKESKIN SOLID:	(11)	(10)	(7)
Eugene Golimowski		Frank Orteca	T & P Allen
Frank Orteca		Frank Orteca	Eugene Golimowski
Frank Orteca		T & P Allen	T & P Allen
Frank Orteca		B & K Curran	Rich Bader
SNAKESKIN VAR:	(6)	(12)	(3)
William Brettschneider		M & D Lastella	Rich Bader
Rich Bader		Eugene Wiatzka	Rich Bader
Rich Bader		William Brettschneider	M & D Lastella
Rich Bader		Rich Bader	
	TANK	COMBINED	
H/B GOLD:	(0)	(2)	
		Al Blunt	
		Al Blunt	
GOLD:	(2)	(3)	
Disq.		Disq.	
Disq.		Disq.	
Disq.		Disq.	
NOVICE:	(3)	(4)	
Irwin Solomon		Yezid Gutierrez	
Yezid Gutierrez		S & L Corandan	
S & L Corandan		Yezid Gutierrez	
		Yezid Gutierrez	
BRONZE:	(3)	(5)	
T & P Allen		Eugene Golimowski	
T & P Allen		T & P Allen	
Eugene Golimowski		Eugene Golimowski	
		Eugene Golimowski	
ABLINO:	(6)	(7)	
Warren Burke		Eugene Golimowski	
Warren Burke		Eugene Golimowski	
Warren Burke		Warren Burke	
Warren Burke		Warren Burke	
H/B YELLOW:	(5)	(4)	
Charlie Zesch		Charlie Zesch	
Charlie Zesch		Charlie Zesch	
Charlie Zesch		Charlie Zesch	
Charlie Zesch		Charlie Zesch	
1/2 PINK BODIED:	(2)	(3)	
Stephen Kwartler		Eugene Wiatzka	
Stephen Kwartler		Stephen Kwartler	
		Stephen Kwartler	
SWORDTAIL:	(1)	(5)	
Jim Thale		Jim Thale	
		Ed Regec	
		Jim Thale	
		Leonard Buttafuoco	

S.J.G.G. RESULTS.....

	FEMALES	
RED: (7)	BL/GR: (12)	BLACK: (6)
Chester Miarka	S & B Miller	D & R Rush
Mark Miarka	Harold Bryant	D & R Rush
S & B Miller	S & B Miller	D & R Rush
Chester Miarka	Eugene Wiatzka	D & R Rush
H/B RED: (6)	H/B AOC: (12)	AOC: (13)
Harold Bryant	E & W Cooney	Rich Bader
Harold Bryant	S & B Miller	Rich Bader
S & B Miller	Al Blunt	Mark Miarka
S & B Miller	Eugene Golimowski	Rich Bader
GOLD: (9)	NOVICE: (0)	
Warren Burke		
Warren Burke		
Warren Burke		
Al Blunt		

REPORT ON BREEDING TECHNIQUES OF
THE GUPPY PART 5 - SWORDTAILS

COMPILED by Maumee Valley
Guppy Association
(Not for reprint without
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction. This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes. For this issue we will report on the Swordtails. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Don Saurers - Columbus Ohio Guppy Specialists
Jim Thale - Gateway Guppy Association - St. Louis
Karl Liedl - Austrian Guppy Club
Erwin Renner - Austrian Guppy Club

Question 1: Swordtail Strains represented and their source.

1. Don Saurers - Many sources: George Busovicki of Cleveland, Ohio (about 1967); Swords from Singapore in 1973 and Swords from Austria in 1978 and 1979.
2. Karl Liedl - It is a breeding in Vienna from 25 years.
3. Erwin Renner - Too long ago, can't remember.
4. Jim Thale - from John Dust, Don Saurers and a line of Multis. A line grey B line gold.

***Lines 1 and 4 are related. Lines 2 and 3 are both Vienna lines and Breeder #1 has used the Austrian strain.

PART 5 - SWORDTAILS.....

FEATURES OF THE STRAIN AS COMPARED TO AVERAGE:

Strains	1	2	3	4
Size	Aver to lg	large	middle	A.grey Aver. B.gold smaller
Tail Width	Aver.	Wider	Wider	Aver. for swords
Dorsal	Longer	Larger	Larger	A.grey Aver. B.gold smaller
Rate of Growth	Slow	Slow	Slow	Slow
Rate Maturity	Late*	Earlier	Earlier	*
Fertility	More	More	More	Good: *d
Cannibalism	None	Some	More	Not bad
Susceptibility to Disease	Hardy	Less	Extreme	No problem

*1. Rate of maturity is very slow. Show age 1 year.

*4. Rate of maturity is 6-8 weeks sexually. I breed at 4-6 months. Fertility is good 50-80 per drop.

***It should be noted that the rate of growth of the swordtail is slower than other strains. Also the fertility is very good.

BREEDING TRUE:

Strains	1	2	3	4
Time Kept Pure	*	3 yrs.	3-6 yrs	a. grey-3yrs. b. gold-4 yrs.
Siblings		50/50	50/50	
%Desired Color		30%	25%	a. grey-60% b. gold-90%
%With Impurities		5%		a. grey-40% b. gold-10%
%Different Color		15%	25%	a. grey-10% b. gold-0%

*1. Questions 3,4,5,6,7 do not make sense with my fish. I have not kept my line pure. I am willing to cross any swordtail guppy into it that looks good. I save only babies that have a double sword male parent. Usually I obtain a percentage of lower sword guppies to show but not to breed. Percentage varies from generation to generation. Basically I inbreed but don't worry about the relationship and would not hesitate to add a stranger to my line. Show fish are just selected from my best fish. I use only females with absolutely clear tails.

BREEDING TO MAINTAIN THE COLOR

Strains	1	2	3	4
Inbreeding:				
Sibling Cross		yes	yes	primary method
Father to Daughter		no	no	
Mother to Son		no		
Line Breeding:				
No. of lines		2-4	2-3	
Crossed after No. Generations		5	3-6	*

*4. Not crossed about 12-14 generations.

EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC

Strains	1	2	3	4
Food	none	*	*	*
Chemicals	none	*	*	none
Trace elements	none	*	*	none
pH of water		*	*	7.4-7.8

PART 5 - SWORDTAILS.....

Breeder Comments on Question 5:

*2. Not any of the above practiced in Austria.

*3. Not any of the above practiced in Austria.

*4. Foods - Beefheart and shrimp.

METHOD OF BREEDING SHOW FISH FROM THIS STRAIN

Strains	1	2	3	4
Same method as for maintaining the strain	yes			yes
Controlled hybrids	yes	no		
Pure strains?	yes	yes	yes	
Always the same two strains	yes	yes		yes

OUTCROSSING - THE EFFECTS ON COLOR

Strains	1	2	3	4
Blue		*	*	*
Green				
Red				
Multi				
Snakeskin				
Other				

*2. Viennese Emerald would be lost.

*3. Viennese Emerald would be lost.

*4. None made.

Question 8 - If all of the strain were lost except one lone male - what would be the best outcross you would make to preserve the color?

1. Tail shape
2. I would collect stamps.
3. Crossing with left females
4. Multi

Question 9 - Goals - Picking breeders and fry expectations.

1. My goal is to have most guppy breeders not to look down on swordtails as undesirable. I would also like to raise some good enough to compete for Best of Show.
2. My goal is to keep the Viennese Emerald.
3. My goal is to keep the pattern of the Viennese Emerald.
4. My goal is in the grey to bring the caudal color to the body and in the gold line to maintain the body color and to increase yellow in the finnage.

SELECTING BREEDERS - MALES

Strains	1	2	3	4a	4b
Body size	large	yes	yes	1 1/2-1 3/4	1-1 1/2
Body shape	Aver.	yes	yes	normal	normal
Body color	bright	yes	yes	green/red	pink
Caudal size		yes	yes	aver.	med. to small
Caudal shape		yes	yes	sword	sword
Caudal color		yes	yes	turquoise	white
Dorsal size		yes	yes	aver.	small
Dorsal shape		yes	yes	taper to point	taper to rd. end
Dorsal color		yes	yes	turquoise	white

***Males that are brightly colored with large body size are picked.

PART 5 - SWORDTAILS.....
SELECTING BREEDERS - FEMALES

Strains	1	2	3	4a	4b
C/R Ratio				1 to 1	1 to 1
Body size	large			2 inch	1 1/2 inch
Body shape	aver.			normal	normal
Body color	none			normal	gold
Caudal size	unimportant			medium	medium
Caudal shape	unimportant			lyre	round
Caudal color	clear			clear	yellow
Dorsal size	unimportant			medium	medium
Dorsal shape	unimportant			rounded	rounded
Dorsal color	clear			clear	yellow
Other				*	

*4. Swordline on bottom of caudal

***Both Breeders 1 and 4 state that they only use females with clear caudals and dorsals.

BREEDING AGES, SIZE OF LITTERS, RATIO OF MALES TO FEMALES

Strains	1	2	3	4
Age bred M	unimportant	8 mon.	3-8 mon.	4-6 mon.
Age bred F	unimportant	4 mon.	3 1/2 mon.	4-6 mon.
Aver. litter size	50	35	50	a. 65 b. 60
Ratio M/F	50/50	50/50	50/50	a. 40/60 b. 50/50

GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES

Strains	1	2	3	4
Body size	B	B	B	B
Body shape	B	B	B	B
Dorsal size	B	B	B	B
Dorsal shape	B	B	B	M
Dorsal color	B	B	B	M
Caudal sizes	B	M	M	B
Caudal width	B	M	M	M
Caudal color	B	B	M	M
Body color		M	M	

Question 13 - Special problems with this strain

1. Some trouble matching dorsal color with caudal color. Females not showable because of clear tails.
2. No problems
3. Degree of color.

FAVORED ENVIRONMENT FOR KEEPING THIS STRAIN

Strains	1	2	3	4
Salt	no	sometimes	illness	none
Spec. diet	no	*	*	no
Spec. environment	no	*	plants	no
Tank size	*	*	*	*

*1. Tank size - 5 1/2 to 20 L.

*2. Special diet - Tetraillum, grindal, living daphnia. Special environment- sand, plants. Tank size - 9a20e; 2a50e

*3. Special diet - Tetra Phil, grindal, living daphnia. Tank size- 65a5e

PART 3 - SWORDTAILS.....

COMMENTS:

Breeder 4 - Change 50 to 75% water weekly. I use two filters in all tanks. Have plants in most tanks. The first gold swords I had came from grey bodied multis.

***Due to the class only being divided into single and double caudal shape without regard to colors Breeder #1 has no problems with many outcrosses. Based on Breeders #2 and #3 answers, that to maintain the Viennese Emerald, it would appear that the same problems faced by the breeders of the other color classes hold true here. They line breed. There is still much to learn about the swords. In the swordtail class there are double and single swordtails. Our breeders did not distinguish between these two. Perhaps they or someone else can add more to this class for us.

WHAT'S FOR SUPPER?

Subject: Tubifex Worms

Editor's Note - Evidently this is not a popular food in the guppy hobby as we did not receive one article on this subject. I found this following article which appeared in the Guppy Roundtable (July 1978).

The Misunderstood Tubifex Worm

by James D. Conklin

So many myths are floating around the aquarium hobby about tubifex worms that I would like to pass on a few helpful (I hope) tips about them. First I will freely admit, they carry bacteria; so can anything else you feed to your fish.

The first practice I learned about tubifex is that they need to be washed. This can be done in various ways. The best method I know of is in a container a few inches deep in which you can wash them with cool water (or cold) and pour off the debris and/or dead worms as much as possible. They may also be washed through a net you will have to remove those that get embedded and also you will not be pouring off the dead ones, which is important. After washing is accomplished they can be spread out on a newspaper. Be sure to pour off as much of the excess water as you can. The newspaper should be several pages thick. The worms will then keep for approximately two weeks depending on their condition. Disinfectant can be used with the washing method if you wish but I have never tried it so I must leave that up to your discretion.

You often hear the term "a bad batch of tubifex", and you encounter dealers who will say, "I never keep them because it is too hard", or "no one can understand how to use them", etc., etc., etc. And that is their privilege. I am not knocking them in any way. The point is that tubifex are good only insofar as you can take care of them. They are used widely all over Germany and elsewhere and the German breeders are known to feed them to their Discus. Well, now I've really said it! I stepped on someone's toes. But if you give your Discus white worms, I see no reason why they can't eat tubifex. It is a wonderful breeding conditioner food. However, I do not wish to write this article only from the viewpoint of feeding Discus.

Well, speaking of taking care of them (tubifex, that is), have you ever tried a milk bath? No, not for yourself, I mean for the worms. I really recommend this! Here is a tale I hope you can use:

WHAT'S FOR SUPPER?.....

I purchased a pint of tubifex worms, one small kitty litter pan about 18x12x3 and one pint of Half and Half. I chose the Half and Half as midway between milk (my first intention) and cream. Next I poured off all excess water, dumped all the worms into the litter pan, poured the whole pint of Half and Half over the worms and spread them all around so they would be bathed in the Half and Half. The worms seemed very happy and active in what amounts to a culture medium condition much like you see micro-worms, healthy and active, in their cultures. The next step is to wait about five hours for the culture to activate and have its effect. The effect you will see is mostly the curdling of the Half and Half. You will see white granules which appear as cheese. This is now all waste products which brings you to the next step: Wash with water. Then fill up the pan and pour off again. Repeat the process until most of the curdles and other impurities are poured off. Then let the water drip into the pan and allow the overflow to cleanse the remaining particles. This may take a while depending on the amount of worms you are preparing.

When clean, put the worms on a newspaper to absorb moisture excess. You will have lovely red tubifex which your fish will safely relish. Place the worms, in the newspaper, into the pan and lay the pan and all in the refrigerator. Feed as desired. By this means you can feed a well conditioned food to your fish. I have heard that you should not feed them to certain fish but I would not care to make a flat statement as such. I will go so far as to say that I feed them to all my fish.

NEXT MONTH'S WHAT'S FOR SUPPER? - DAPHNIA

QUESTIONS & ANSWERS

June's Question of the Month - Filter changes

ANSWER

From Peter Tedesco
Fancy Finney Friends

First let me explain why it is important to set up your filters properly. You have to make sure that the filter media is charged with bacteria so that it will do the job of keeping the tank or aquarium in tip top shape and will not cloud up no matter what you do. This can only be done if the filter is set up right and the culture of bacteria that is growing alive in the filter media is not disturbed or destroyed when cleaning them or the tank. I first start with floss and charcoal. Now I have progressed to a method I find easier for me to handle. I now use marbles and floss. Then I found out how to make it work even better. By putting a small piece of sponge in the corner filter before inserting the inside plate on the bottom. Insert plate - fill with marbles and floss. When cleaning the sponge and floss, rinse out gently with lukewarm water, rinse marbles, filter box and set it back up.

Make sure that you have plenty of aged water on hand for water changes. Do not use cold water, because this will surely harm the culture in the filter and you will end up with a very cloudy tank. As long as my filters are doing the job and the tanks stay clean, I do not bother them at all. I used to clean them weekly, then monthly. Now only when I think it is necessary. If you know your system, keeping an eye on your fish and know what to expect, you will know when it is time to change your filters. A little common sense goes a long way. Why bother with something, if it is working well. Leave well enough alone. As long as you have the surface area, that can keep the living culture alive and keep the tank in balance and everything is in order - do not bother with it.

QUESTIONS & ANSWERS.....

All you need to do is to make your partial-water-changes - 20%, 40%, 60% - whatever you desire is the right percent of water changing on a weekly basis. The rest is very simple. Whatever worked best for you and your fish.

ANSWER

from Warren Burke
Big Apple Guppy Club

In my 10-15-20 long tanks I use box filters which are changed once a month. I rinse the floss and replace them in the filters. In the bottom of the box filters I use #3 glass gravel. In my 5 1/2 gallon tanks I use sponge filters for breeding and fry holders. The sponge filters are cleaned and rinsed every second week.

If you change and clean filters more often than once a month you only kill off all the good bacteria. This will also keep your fish healthier. I use only 5 fish to each 10 gallon tank and when they reach the age of 5 months they have increased their growing stage much quicker by changing the filters only monthly. You are actually doing the fish much harm by weekly filter changes.

In tanks over 10 gallons you must use two box filters and then the water level in each tank is filled to 2-3 inches below the top of each tank. I never use charcoal in my filters.

ANSWER

from Jennifer Fitzpatrick
Corresponding Member
Hancock, Michigan

Every aquarist should be familiar with filters. Filters are very important in an aquarium; if used properly they will expand the life of your fish. Your breeding stock will produce great litters. Therefore filters can help us guppy nuts improve our strains and erase many future problems. With this in mind I would like to tell you about the different varieties available. We have a general breakdown of bottom filters, inside filters, outside filters, power filters and handmade filters. Many of you are probably asking yourselves, "Which one is for me?" That is exactly what I said when I started. To top it off I only had one poor pet shop in which to go through. I say poor because it was not a good source of information. I read several books and went out on my own.

The first filter I ran across was an inside box filter. "Does this have all its' parts?", I asked my Dad while pulling it out of the "pet" box. "I don't know," he said. I decided it was worth a try so I got out the book and read the installation instructions, checking parts as I went along. I found I had everything I needed. I placed it in my tank; however, the entrapped air made it float. I took the !@#*%* thing out and placed a piece of slate in the bottom. This worked fine for holding it down in the corner of the tank. After a month of changing the charcoal and floss every week, I grew disgusted. I sat down in front of my guppies and asked them what they thought if I tried putting an undergravel filter in so I didn't disturb their activities. They swam their OK. I assembled the plate and connected the tubes which formed an undergravel filter. I pushed the gravel over it sloping it five inches in the back to three inches in the front. This method let the extra food settle in the front where I could easily siphon it out. Sufficient depth remained for plants in which to grow and fish to swim. The undergravel filter worked fine with one exception - the water became cloudy. After reading about the important nitrifying bacteria underneath the plate I chose not to disturb its' ecological balance.

QUESTIONS & ANSWERS.....

My next purchase was an outside box filter. After one week my water was clear. The material in the box filter needed changing weekly because it was dirty. I liked that setup and continued to use it until I gained more tanks. By the time I moved into another house and had half a basement to dedicate to my fish, my old method was inefficient. I had too few vibrator pumps to run my newly acquired twenty tanks.

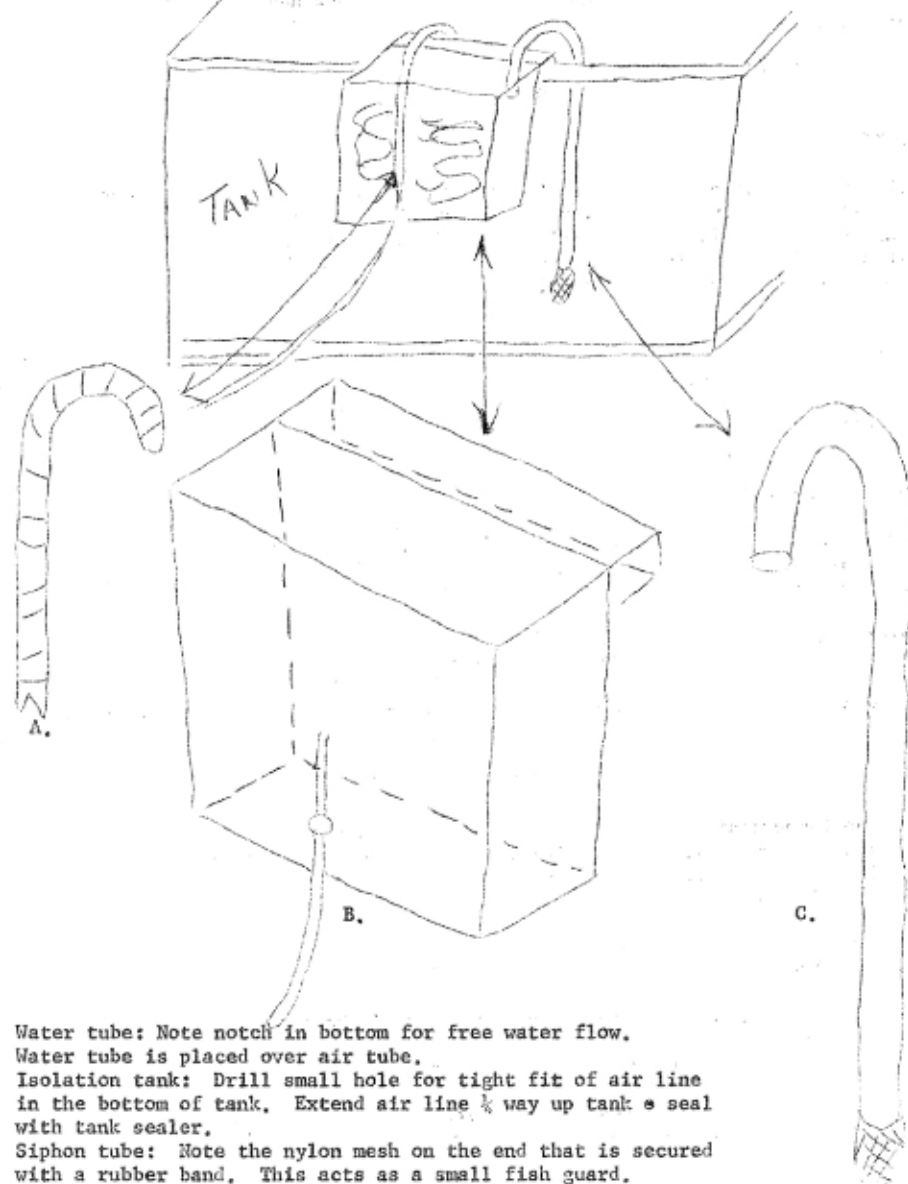
While waiting for my air compressor to come in, I decided to try a few more power filters. These filters worked well with the undergravel filters. I needed to change them every other week. I liked the thought of less work and more time to spend on improving my guppy strains. I then thought about a Diatom which was among the many items I purchased when I bought out a local store. Having assembled it, I was amazed at my achievement. My Diatom then became my big baby. It cleaned out parasites and other microns from my tanks. I must say this filter is my standby now and always will be. Through two years of business I have tried every filter as I ran across them in my box of "Fish Junk". With my experiences I have found that the best possible combination you can have is a power filter and undergravel. Sponge filters work well with small tanks (five gallons or less) as you can do anything with them, bury them, use them as a corner filter or whatever else you can think of. The best part of all is that you don't have to monkey around with floss and charcoal. However, you will want to put in an amonia remover monthly.

Box filters, inside and out, are ok. I personally like the outside kind as they don't take up as much space in the tank. As I have mentioned in my article on "Plants in your Show Tank", you have siphon tubes in which to cover. Rocks, plastic or live plants can be used to make them less noticable. The only problem with inside box filters is that they take up room. The companies have now put plates on the bottom so they can be anchored to the floor of the tank. All box filters manually operated must be changed weekly. You may be able to get away with bi-weekly. If a powerhead is used on your undergravel filter a bi-weekly cleaning may suffice. In the event you choose to build your own filter, take an isolation box and place it on the back of the tank. Drill a hole in the bottom of the box and place a peice of tight fitting flexible tubing inside of the hole. Select a siphon tube with a screen on the bottom (this saves baby fish) and siphon water from the tank into the box you just made. Place several small natural sponges into the filter box. Push an airline through the tubing and turn on the air. Fasten the tubing over the edge of the tank with wire. This then filters the water back into the tank. To clean, take out sponges and put them in the washer on gentle cycle. (See Pg. 24 for detailed drawing).

I have found many people who like "Uni-systems" - all tanks combined to one filter - have greater losses then those without. In this system an outbreak of disease in one tank contaminates all tanks. In my opinion, it is advisable to stay away from this system lest you wipe out your prized guppy strain. I have seen such losses and it is a sad story, especially to a private breeder. I think you will all agree it is hard work raising a good show winning strain.

A final word to all you guppy lovers, when you change your filters - scrub them with clorox water and rinse them three times with hot water. This disenfects them and prevents spread of disease. Siphoning ten percent of the water while changing filters will help cut down cleaning time and your fish will have a healthier environment. Choose a day and time out of every week to do your cleaning and it won't be too bad after all. One last helpful hint before I leave you to your guppies: Talk to them and your work will become easier and even more pleasurable.

QUESTIONS & ANSWERS.....



- A. Water tube: Note notch in bottom for free water flow. Water tube is placed over air tube.
- B. Isolation tank: Drill small hole for tight fit of air line in the bottom of tank. Extend air line 1/2 way up tank & seal with tank sealer.
- C. Siphon tube: Note the nylon mesh on the end that is secured with a rubber band. This acts as a small fish guard.

QUESTIONS & ANSWERS.....

July's Question of The Month - I have a Half Black Red male guppy that has been bred to females of different lines. In all cases the drops have produced fry that were 90-95% females. Has anyone else had this problem or does anyone know what causes this??

BADER'S BLOTTER

by Ann Bader

The IFGA was represented in the Austrian Show by Mike Lastella and Rich Bader. Rich took First in the Blue Class; Mike took Second in the Blue class and was in the top four in the Red class. With all the excellent guppy breeders we have in the IFGA it's really disappointing to have so few entries in this European show. Come on group, let's do better next year!!!

THANK YOU's this month to:

Barbara Hirth & Co. for the South Jersey trophies and
Frank Schulerbrandt for the Big Apple trophies

There was a lot of personal time and thought in each of them and I'm happy some of them found their way to our home. Oh yes, thanks too for a great hospitality room at the South Jersey show.

Several of our exchange publications have reviewed our columns - "What's For Supper?" and the "Breeding Techniques" reports. Thanks to all of you who have contributed in any way to these articles. It's always nice to receive compliments from other aquarium societies. Keep sending in those articles that truly make this a publication worthy of recognition.

My neices have nothing on me with all of their Michael Jackson buttons. I'm now the proud owner of a very special "Bader" button - Thanks, Steve!!

ODE TO THE TYPOGRAPHICAL ERROR

The typographical error is a slippery thing and sly.
You can hunt till you are dizzy, but it somehow will get by.
Till the articles are off the press, it is strange how still
it keeps,
it shrinks down in a corner and it never stirs or peeps.
That typographical error, too small for human eyes,
till the ink is on the paper, when it grows to mountain
size.
Vern just stares in horror, Charlie grabs his hair and
groans,
and me, I just drop my head upon my hands and utter
forlorn moans.
The remainder of the paper may be clean as clean can be,
but that typographical error is the only thing you see!

Anonymous

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*International
Fancy
Guppy
Association*



DATE AUG 1984

Official
Publication

International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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Dates to Remember:
Aug. 4-5 B.G.D.A.
Aug. 25-26 E.C.H.A.
H

The time is again here for us to set up our breeding stock in preparation for the 1985 show season. Fry saved in September/October will be about 7 months old and in show prime about the time April rolls around. A check of the meeting minutes shows that we have a tentative schedule of 11 shows next season and, who knows, by the time November arrives, we may end up with a "full slate" of shows.

More on the subject of chloramines...both Mardel Labs and Kordon claim to have products on the market which will neutralize the toxic effect chloramines have on tropical fish. Mardel's product is called "Tank Safe" and comes to us in tablet form while Kordon brings us the popular liquid "Novaqua" which has been used by some guppy breeders as a tonic for some time. We need to get feedback from each of you whether or not these products truly do the job.

Congratulations to our recent novice winners: Saunders & Richardson, Cheryl Harris and Allen Reels at the Canadian Guppy Club show; Al Blunt for sweeping all 3 classes at the Big Apple show; Irwin Solomon and Yezid Gutierrez for winning at the South Jersey show.

SHOW SCHEDULE 1984

CLUB	SHOW DATE	CLASSES DUE	RESULTS
Maumee Valley Guppy Association	April 7-8		May
Pan Pacific Guppy Association	April 21-22		June
Guppy Associates International Chicago	May 5-6		June
Canadian Guppy Club	May 19-20		July
Big Apple Guppy Club	June 2-3		July
South Jersey Guppy Group	June 23-24		July
Guppy Associates of Milwaukee	July 21-22		
Buckeye Fancy Guppy Club	August 4-5		
East Coast Guppy Association	August 25-26		
Gateway Guppy Association	November 2-3-4	August 2	

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association

Meetings: South Jersey Guppy Group and Gateway Guppy Association.

CORRECTION TO SOUTH JERSEY SHOW RESULTS

Half-Black Pastel Veil Class should read:

1. B & K Curran
2. Anthony Sabatasso

1.

MINUTES - I.F.G.A. MEETING

June 23, 1984 - Saddle Brook, New Jersey

The meeting was called to order at 1:03 P.M. by President, Tom Allen. The roll call was as follows:

CLUB

Big Apple Guppy Club
Borinquen Guppy Club
Buckeye Fancy Guppy Club
Burlington Fancy Guppy Society
Canadian Guppy Club
Columbus Ohio Guppy Specialists
East Coast Guppy Association
Fancy Finny Friends
Florida International Guppy Association
Gateway Guppy Association
Greater Delaware Valley Guppy Society
Greater Virginia Guppy Club
Guppy Associates International Chicago
Guppy Associates of Cleveland
Guppy Associates of Lafayette
Guppy Associates of Milwaukee
Guppy Associates of Toronto
Heartland Guppy Club
Houston Guppy Club
Indianapolis Guppy Breeders
Maumee Valley Guppy Association
Michigan Guppy Breeders
Midwest Guppy Club
Northeastern Indiana Guppy Breeders Assoc.
Northern California Guppy Association
Pan Pacific Guppy Association
South Jersey Guppy Group
Tri-State Guppy Group
Western New York Guppy Group

REPRESENTATIVE

Frank Schulerbrandt - D
Rich Serva - D
Andy Thornhill - D
Doris Lastella - A
Mike Lastella - D
Peter Tedesco - D
Elvin Cooney - A
Sverett Gold - D
Paul Blood - D
Bill Schoenbauer - D
Gene Golimowski - A
Frank Orteca - A
Steve Kwartler - A
Jim Thale - A
Gene Wiatzka - D
Ann Bader - A
Pat Allen - A
Vi Golimowski - A
Rich Bader - A
Julie Magnifico - A
Ted Lobello - A
Paul Gorski - A
Barbara Hirth - D
Dennis Hirth - D
John Rizzo - D

D - Delegate

A - Alternate

Jim Thale moved to accept the minutes of the Annual Meeting as published in the December 1983 issue of the bulletin. Paul Blood seconded. Motion passed.

TREASURER'S REPORT - Ted Lobello

A. Balance as of November 5, 1983		\$2435.24
B. Income		
Judging books	\$ 125.50	
Bulletin	31.00	
Bulletin subscriptions	2200.00	
Trophy sponsorship	700.00	
Club dues	650.00	
Cook books	15.00	
Interest income	135.94	
Entry forms	15.00	
Award cards	155.94	
Advertising	20.00	
Assessment for missed show	50.00	
Total		\$4098.38

MINUTES.....

TREASURER'S REPORT (cont.)

C. Working capital		\$6533.62
D. Expenses		
Award cards	\$ 240.00	
Bulletin expenses	2386.88	
Membership	135.60	
Seminar expense	61.20	
Total		\$2823.68
Balance as of June 11, 1983		\$3709.94

Jim Thale moved to accept the Treasurer's Report as read. Mike Lastella seconded. Motion passed.

Judging Report - Tom Allen

The following people passed the written test at the seminar held at Maumee Valley: Bob Albright, Rev. Groenke and Rich Serva. No one passed the visual. Back in November of 1976, a motion was passed stating all accredited judges must judge 5 classes at 2 shows each year and attend one seminar every 2 years. The second part of this motion on the seminar requirement was never published in the Blue Book. As there are a number of accredited judges who have not met this requirement, the following motion was made.

Paul Blood moved that we suspend this rule and have it start again at the St. Louis Show. Dennis Hirth seconded.

This motion will be voted on at the Annual Meeting in St. Louis.

It was also suggested that Assistant Judges be required to meet the above obligations. No decision was made.

Tom said that the Judging Board will review and discuss the judging of the Albino Female Class. This will be brought up at the next meeting.

Discussion followed on the reinstatement of Mike Regent to the Judging Board.

To be voted on at the Annual Meeting at St. Louis:

Paul Blood moved to change the By-Laws, under Committees, Section 1, G (Judging board), number 13 to read: The Judging Board shall consist of at least 7 members. Dennis Hirth seconded.

Membership Report - Vi Golimowski

There are two clubs that have been dropped from our roster: Everglades Aquarium Society and Indianapolis Aquarium Society. Vi is still sending out applications for membership and answering inquiries about the I.F.G.A. She is also in contact with a club in Wichita, Kansas that may be interested in joining our organization. Vi agreed to make up a list of people or a person in each club that other I.F.G.A. members may have for their use.

Publicity Report - Jim Thale

EASS and IFH have been notified with a list of our show dates. Jim still requests individual clubs to send him information about their shows so he can have it publicized. Of course, each club should promote their own shows in their areas.

Awards Report - Tom Allen for Bill Orth

Bill send a note saying he was sorry he could not attend the meeting. He said the AOC Female class was still not sponsored but Buckeye Fancy Guppy Club has agreed to sponsor it. Bill also asked if Guppy Associates of Greater Cleveland still wished to sponsor the Breeder Female class. They have now paid for it. Bill reminded all show chairpersons to send him a copy of the results within two weeks so he can keep up the points. Also, if there are any questions about your points, please contact Bill directly and not Ann Bader.

MINUTES.....

Publication Report - Ann Bader

Ann had with her the list of corresponding members. She also had judging booklets for sale. As always, Ann said she needs articles for the bulletin. Ann asked all delegates present if they had noticed the new bulletin covers. The art work was done in New Orleans by a friend of John Wolcott's. John sent a large supply of covers to Ann at no cost to the I.F.G.A.

Central Clearinghouse - Tom Allen for Bob Curran

Bob stated in his letter that he is still receiving requests for breeding stock from all over the country and also other countries. Because of the poor stock in fish stores and the lack of ads in aquarium magazines, Bob feels it is up to us as members of the I.F.G.A. to help new hobbyists as much as we can with good quality guppy stock. Bob also thanked all of those who help make the clearinghouse possible.

Central Clearinghouse Canada - Gene Wiatzka

Gene said he is still waiting for responses to the letters he sent to guppy breeders in Canada.

Nominations Committee - Elvin Cooney

As the officers have been elected for two years, there were no nominations. Elvin did state he would be sending out letters about the possible candidates for the next election.

Old Business

Discussion followed on redoing the Annual Award for 3rd and 4th place. Elvin Cooney moved to accept Gene Wiatzka's offer to print the awards as is, subject to the availability of the art work, at no cost to the I.F.G.A. Jim Thale seconded. Motion passed.

20 Minute Recess

New Business

Show Rotation - Mike Lastella

The following is the tentative show schedule for 1985:

Big Apple Guppy Club	April 20-21	Meeting
Midwest Guppy Club	May 4-5	
Guppy Associates of Cleveland	May 18-19	
Pen Pacific Guppy Association	June 1-2	
East Coast Guppy Association	June 15-16	
Gateway Guppy Association	June 29-30	
Guppy Associates of Milwaukee	July 13-14	Outlying seminar
Buckeye Fancy Guppy Society	August 3-4	
Canadian Guppy Club	August 17-18	
Guppy Associates International Chicago	September 7-8	
Maumee Valley Guppy Association	November 1-2-3	Annual Meeting

The show schedule will be approved by a vote of the delegates at the Annual Meeting in St. Louis in November. If there is any other club interested in picking up the twelfth show for next year, please contact Mike Lastella.

Mike Lastella as spokesman for the East Coast Guppy Association asked for any input anyone might have for the Club of the Year Award they sponsor.

MINUTES.....

New Business (cont.)

Frank Schulterbrandt said he has had no response at all for his request for show slides. Frank also offered all the clubs a set of show books that can be used for two years. These books will be given to you free of charge, including free shipment. If you wish to take advantage of this offer, Frank will need a list of your show classes and he will make up the books.

At this time a discussion on the possibility of a standardized code system for show classes was discussed. Frank Schulterbrandt will send Ann Bader his recommendations for this code and it will be printed in a later bulletin.

Jim Thale moved to adjourn the meeting. Elvin Cooney seconded. Motion passed. Meeting adjourned at 3:05 P.M.

Respectfully submitted,

Pat Allen, I.F.C.A. Secretary

CHLORIMINATION: The Biggest Switcheroo in Water History!

Los Angeles - This April first was to be an All Fools Day to remember: the week when the City of Angels was to convert to chlorination a controversial water treatment method certainly toxic for aquatic animals, possibly detrimental to reptiles and amphibians, maybe even harmful to small animals and in the final analysis, humans.

This is written before the April deadline, but the city recently announced it was delaying the change until June first. Now experts are betting the city will not dare make the move until after the Olympic Games. Within the last two years a number of water districts across America have switched to chlorination. Miami among the first and more recently both the Alameda and Santa Clara water districts in Northern California have gone through the change. The switch-over is simply too controversial to face before the end of the games. The change in Los Angeles, when it comes, will be the largest water system conversion since construction of the Roman aqueduct.

In L.A. chlorination is inevitable, as certain as the fact that the games will themselves bring millions of visitors to the city. When the process arrives the city's pet shops will have to cope with a change in water quality and a new need to strip toxic chemicals from aquarium water.

Water History - For decades chlorine has been added to municipal water as a disinfectant but as levels of organic solids have increased in local water supplies, some scientists have claimed the organics and chlorine have combined to create suspected carcinogens. By adding ammonia to chlorine water experts created a new disinfectant and in effect a new component - part chlorine and part ammonia - eliminating the alleged threat of cancer.

The new compound is called chloramine and once added any given sample of water will contain chloramine, free ammonia and hypochlorite ions. According to such experts as John Kuhns, director of the AquaScience Research Group in North Kansas City, Missouri, "Chlorine, hypochlorites, chloramines and ammonia are toxic to both freshwater and marine fishes."

CHLORIMINATION.....

Which means pet shops with fish rooms as well as hobbyists with even the smallest tanks must now discover ways of removing these toxic properties. Does this require some new and terrible process? Or can "dechlorination" be done with current technology?

Chloramine removal - Since water districts have been adding chlorine (toxic in itself) for years hobbyists have learned how to cope, most often by "dechlorination" through the addition of photographer's hypo (sodium thiosulfate). Aquarists also know that ammonia can be handled in two ways: converted by a biological filter such as found in a subgravel filter or by a clinoptilolite filter (a naturally occurring zeolite which will remove ammonia).

The combination of dechlorination, biological filtration and ammonia absorption are all the technology needed to detoxify the "new water" and although not every expert agrees, there are four ways to remove chloramines, so-called one-step (activated carbon) and two-step system (dechlorination and biological or zeolite filtration). Some procedures are more expensive or time consuming than others and each pet shop owner will have to decide which approach is better.

1. "Break" the chlorine-ammonia bond by removing first the chlorine, then the ammonia. (Generally accomplished by adding a dechlorinating water conditioner, then either passing the water through a filter containing zeolite or by adding zeolite chips directly to the water).
2. Remove only the chlorine using the otherwise untreated water in controlled water changes directly to tanks. With the proper pH it will not raise ammonia levels beyond those which a tank can handle even though, with the chlorine removed, you are adding ammonia.
3. Treat all water with a dechlorinator, then pass it through a zeolite filter. (Add the dechlorinator before running the water through the filter).
4. Filter all water through an activated carbon filter before adding to a pond or aquarium. The flow rate must be predetermined and geared to the mass of carbon. The carbon must be used only for tap water filtration and not for aquarium filtration.

Editor's Note: The long-held concept that water can be conditioned by storage in an open container has been used successfully to dechlorinate water. Water can also be "dechlorinated" by similar open storage but the time required is so long that it is not practical for either aquarist or pet shops.

Considerations - For most of us the main issue in the switch to chloramines is not the use of chlorine but addition of ammonia which can only further increase ammonia levels in a tank or pond. The problem is simpler for hobbyists with established tanks than it first appears. A properly set up and conditioned undergravel filter will consume ammonia from any source rapidly. In these cases dechlorination may be all the treatment the "new water" requires, but for an extra margin of safety the water could also be treated with zeolite.

Ammonia is of little concern in a tank if the usual pH of the aquarium is below pH 7. At a pH lower than 7 most of the ammonia is in the form of ammonium ion (NH₄⁺) which is not toxic. Above pH 7 free ammonia levels increase and toxicity becomes a problem.

Pet shops will find a greater problem with the new hobbyist who has a small tank, even a goldfish bowl. The procedures outlined for them must be simple or we can lose these new fishkeepers to the hobby. Most experts agree: for these people a shop should recommend one of two easy approaches: 1). Pretreat all water with a

CHLORIMINATION.....

dechlorinator and zeolite, then make partial water changes; or 2.) Use a substrate of zeolite chips directly in the bottom of the tank in place of gravel. Dechlorinate the water, use it as a partial water change directly into the bowl or tank. The zeolite will remove the increased ammonia.

It is recommended that every shop with chlorinated water set up test bowls with gold fish. Handle them exactly as your customers will: dechlorinate the water, add zeolite chips and fish and test the water for ammonia levels. When the ammonia level rises, replace part of the water and all of the chips. In this way you will know exactly how long water and zeolite will last in your area.

Pet shops in metropolitan L.A. will have to install their own treatment systems, either large carbon filters before the fish room or a two-step systems at the tanks. Those with working systems may wish to give new hobbyists a gallon of dechlorinated, ammonia-free water with which to start a new tank.

Owners of outside fish ponds will face more difficult problems. The solution they choose will depend on the design of the pond and the water source. If the pond does not have a constant source of fresh water, changes can be made as one would make them in an aquarium; i.e. pre-condition water by dechlorination. If the pond has a biological filter you may not need to remove ammonia before adding water. Again, the decision depends on the pH of the pond. A second option - make partial water changes using water filtered through a carbon filter. Dolphin Manufacturing in Campbell, CA has introduced "The Carbon Can", a portable carbon filter mounted in a plastic tube. One end attaches to a garden hose and with the proper flow the water at the end is free of chloramines.

If the pond is fed by a constant flow it will be necessary to 1) add a large carbon filter to the line before the water flows into the pond or 2) redesign the pool to eliminate the water source. Professional water service companies such as Culligan can install carbon filters large enough to handle these needs. The filters are relatively expensive - costing as much as \$600 installed - and must be renewed periodically, about four to eight months in pond use.

Testing - The most important factor in the change to chloramine is not that the switch makes the water more toxic - we've already seen this can be handled in a choice of ways - the important message for pet store owners as well as hobbyists is that Americans can never again take the quality of water for granted. Any one with fish must test their water for total chlorine and ammonia content on a regular basis. Retailers in areas with chlorinated water should begin stocking test kits, should know how to use them and perhaps, should even consider holding "test kit clinics" to be certain customers know what is expected and how to do it.

***This special report is based on interviews with a number of experts: Joel Martin, Aquarium Pharmaceuticals; Dr. Robert Rofen and George Blasiola, Novalek Corporation; John Kuhns, AquaScience Research Group, Inc.; Ms. Elizabeth C. Kawczynski, Supv. Water Quality-Contra Costa Water District; Michael Lanier, Water Quality Supervisor-Alameda Water District; William Molnar, Civil Engineer-Santa Clara Water District; Peter Forest, Culligan Water Co. Since this is a report on a controversial subject not every expert will agree with every comment, but we feel the report accurately reflects all sides of a complex issue.

Reprint - PET BUSINESS
April 1984

I.F.G.A. POINT-STANDINGS AS OF JULY 1, 1984

CLASS - RED	PTS	CLASS - BLUE	PTS
1 John O'Brien	2758	1 Joe Smith	1988
2 Paul Gorski	1400	2 M & D Lastella	756
3 Stan Shubel	294	3 Jim Alderson	420
4 T & N Zielinski	196	4 Stan Shubel	196
		4 Frank Barta	196
GREEN CLASS		BLACK CLASS	
1 Rev. Lloyd Groenke	1666	1 J & V Wilson	1974
2 R & B Halverson	1344	2 Bryan Chin	658
3 M & D Lastella	1176	3 Paul Jacobs	490
4 Paul Gorski	322	4 D & R Rush	336
MULTI CLASS		PURPLE CLASS	
1 Arthur Hintz	1022	1 T & P Allen	2086
2 Bev Richmond	1008	2 M & D Lastella	1946
3 Warren Burke	770	3 Eugene Golimowski	700
4 J & V Wilson	630	4 J & V Wilson	504
4 Frank Schulerbrandt	630		
AOC CLASS		YELLOW CLASS	
1 S & B Miller	1750	1 Ray Winkler	1540
2 Steve Sparrow	602	2 David Polunas	728
3 Mark Miarka	280	3 Frank Schulerbrandt	140
4 Eugene Golimowski	196	4 Rich Serva	112
GOLD CLASS		BL/GR BICOLOR CLASS	
1 Eugene Golimowski	658	1 David Niedzialkowski	2404
2 Dr. Tay Kah Seng	140	2 Steve Sparrow	476
3 Jim McCarty	56	3 P & M Tedesco	280
4 -- --	--	4 Eugene Golimowski	168
ALBINO CLASS		AOC BICOLOR CLASS	
1 James Coleman, Jr.	2744	1 Jim Jirku	3038
2 Warren Burke	742	2 Warren Burke	1302
3 F & I Chang	602	3 Paul Gorski	182
4 Eugene Golimowski	266	4 Stan Shubel	140
BRONZE CLASS		H/B RED CLASS	
1 T & P Allen	1918	1 Vic Piteo	2226
2 J & V Wilson	896	2 Jim McCarty	602
3 Eugene Golimowski	770	3 Jim Alderson	434
4 Rich Bader	378	4 Irwin Solomon	420
RED BICOLOR CLASS		H/B BLUE CLASS	
1 Bev Richmond	1442	1 M & D Lastella	1596
2 Ted Lobello	1106	2 Chester Miarka	1120
3 Bob Paterson	364	3 J & M Mackey	448
4 Jim Jirku	336	4 J & J Magnifico	280
H/BPASTEL CLASS		SWORDTAIL CLASS	
1 T & N Zielinski	994	1 Jim Thale	4382
2 Anthony Sabatasso	854	2 Don Saurers	574
3 Darrel Johnson	784	3 J & V Wilson	490
4 James Kolb	686	4 Karl Liedl	140

STANDINGS.....

H/B AOC CLASS	PTS
1 Stephen Kwartler	3922
2 M & D Lastella	490
3 L & S Blaylock	462
4 J & V Wilson	182

SNAKESKIN CLASS

1 Rich Bader	2240
2 T & P Allen	2184
3 M & D Lastella	1596
4 Frank Orteca	1344

BL/GR FEMALE

1 S & B Miller	574
2 R & B Halverson	336
3 T & P Allen	154
4 Harold Bryant	98

BLACK FEMALE

1 J & V Wilson	700
2 D & R Rush	392
3 Reginald Day	98
4 Jerry Horton	84

GOLD FEMALE

1 Warren Burke	546
2 Don Saurers	182
3 Al Blunt	154
4 J & J Bardoun	126

BREEDER MALE

1 Joe Smith	4060
2 M & D Lastella	1750
3 Louis Wasserman	560
4 Paul Gorski	210

GRAND OVERALL MALE

1 M & D Lastella	7210
2 T & P Allen	2660
3 Stephen Kwartler	2625
4 Jim Thale	2440
5 J & V Wilson	2380
6 Joe Smith	2275
7 Paul Gorski	2030
8 Eugene Golimowski	1750
8 Bev Richmond	1750
10 James Coleman, Jr.	1680

H/B YELLOW CLASS	PTS
1 Charlie Zesch	2058
2 Jim Thale	1092
3 Andy Thornhill	210
4 J & B Longer	140
4 Aquatic Gardens	140

RED FEMALE

1 Chester Miarka	882
2 F & I Chang	140
3 Mark Miarka	112
4 Arthur Hintz	84

AOC FEMALE

1 Rich Bader	490
2 Frank Barta	336
3 J & V Wilson	182
4 Mark Miarka	154

H/B FEMALE

1 S & B Miller	672
2 Jim McCarty	532
3 E & W Cooney	308
4 Harold Bryant	210

BREEDER FEMALE

1 J & V Wilson	1050
2 Frank Barta	756
3 Rich Bader	378
3 Warren Burke	378

GRAND OVERALL FEMALE

1 J & V Wilson	1960
2 Rich Bader	805
3 E & W Cooney	735
4 Warren Burke	700
5 S & B Miller	665
6 Frank Barta	560
7 Al Blunt	455
8 Ray Walker	420
9 Chester Miarka	350
9 T & P Allen	350

These points include all corrections and are to date through July 1, 1984.
As a reminder - a copy of show results are to be sent to me within two weeks after the show.

Bill Orth

IFGA AGENDA
ANNUAL MEETING
November 3, 1984

PLACE: Gateway Guppy Association

1:00 PM Local Time

Roll Call
Secretary's Report
Treasurer's Report
Judging Board Report
Membership Report
Publicity Report
Awards Report
Publication Report
Central Clearinghouse Report

Pat Allen
Pat Allen
Ted Lobello
Tom Allen
Vi Golimowski
Jim Thale
Bill Orth
Rich & Ann Bader
Bob Curran

Old Business:

....Vote on the motion to suspend the rule which requires judging seminar attendance once every two years for all accredited judges. The rule will again become effective with this years annual meeting.

....Vote on the motion to amend the by-laws under Committees (Section 1G, number 13) to read: the judging board shall consist of at least 7 members.

....Vote on acceptance of show rotation for 1985.

...Old Business from the floor

New Business:

...New business from the floor

Adjournment

RECORD KEEPING OF GUPPIES

by Peter Tedesco
Fancy Finny Friends

I'm sorry I missed the lecture Tom Allen gave on Feeding-Breeding-Record Keeping of fish at the Canadian show. I'm always wondering what other members do for keeping records of their guppies. Mine is a sheet made by a computer that tells who the parents are, what color, what drop, the date born, and if they are deltas or veils.

When I start I record when they were mated and below the next boxes in vertical succession are recorded the drops of fry and the date. Then after 3 months or when I can sex them or when I see the males color in the peduncle area I separate the males and females into separate tanks. Sometimes when I look in my tank I still see fry with their parents - not to worry - with all the foliage I have in there they are well protected. Now you have to remove the breeding pair to another 10 gallon tank. If the tank is set up, then when you make your weekly water change, you will not have to bother this tank at all. This way you will enable the female to stabilize herself and you will not put her in further stress by changing the water. If I can anticipate when the female is acting funny and is ready to drop, I remove the male. This way she will be able to drop her young without the male

RECORD KEEPING OF GUPPIES.....

chasing her. In my loose leaf notebook all parents, breeding records and strains are systematically recorded.

So far my records can go back to 1979 when I started. When a strain is changed for crossing, I then start with another sheet all over. A copy and/or the original record is put away in another binder for future reference. All tanks are marked with what female and what male are set up in that tank for breeding. I've heard a lot of stories on how many males to put on how many females. I put 2 males to 2 or 3 females. Or one male to two females. On the side of the tanks, marked with a black magic marker is marked what strains they have been crossed with or what lines have been crossed. Ex: 200x230x235x246. These of course could be B1/Gr or B1/Gr*. (* is my symbol for bi-color). My hybrid tanks are marked '0. If I get some fish from a friend and want to cross it into my stock, then I mark the tank with his initials and in my record books also.

Males and females are marked Δ for delta or ∇ for veils. The rest is color strain and dates. To mark for color is fairly simple to do. Ex: D2 HB/AOC Δ .

CB 080312. D2 is when fish was dropped; HB/AOC Δ means delta; CB is color breeding; and date= 080 year - 3 month - 12 day. Everyone I imagine has their own way of keeping records. But records must be kept or how do you know what you are doing?

I've sent some of my computer read outs to some guppy breeders for a small fee of \$1.00 for 15 copies. Make an original and you can keep making them for yourself. I also keep a loose leaf, hand written on the progress or failure of my breeding records. I also have a chart which tells me about my fish room - temperature of water, room degrees, foods I feed daily and how many times, water treatment and when to clean tanks and filters. This chart you can make for yourself. Just get a piece of drafting paper with a lot of graphic lines or just plain graphic paper. If you do not have a system, I think you better start one soon. Good luck and make sure you record and write down everything you do.

THE IMPORTANCE OF WATER CHEMISTRY TO THE AQUARIST

by Jennifer Fitzpatrick
Corresponding Member -
Hancock, Michigan

The chemistry of water is very important to our fishes health and should be kept at the right level. Maintaining it at the proper level allows us greater production and longer life span of our guppy strains. Chemistry control diminishes the lime deposits on our show tanks and is consequently a time saver. There are only two small parts that concern the aquarist; therefore we don't need to be the world's greatest chemist in order to please our fish.

A prime requisite for every aquarist is a pH kit. This inexpensive kit shows the acidity of the water. A valuable chart accompanies this kit; it provides the information regarding the pH range of 6.2 thru 7.4. Anything below 6.8 is acidic and those readings above 7.2 are basic. 7.0 appears as a medium green and that is what we want - neutral water.

Guppies I raised in neutral water developed their coloration more quickly than those raised in any other type of water. Growth and maturation of the fins and body occurred one week earlier than the others. This proves very helpful when preparing

WATER CHEMISTRY.....

For a show. Just think of how beautiful these fins could be in your strain if you payed attention to your water chemistry.

For the sake of research, I placed some of my fairly good appearing culls in acid water (6.8). I discovered the young raised in this acid water were more prone to disease. The coloration was one week slow in peaking. The fins were very frail and became ragged. The backbones became malleable and crooked. When I raised the acidity of the water I had a great many die off. The ammonia evidently became bonded to the hydrogen in the water and caused it to become unlivable for fish. I was thankful for my knowledge of neutral water; thus, I did not place any show stock into unfit water.

In continuing my research I placed some guppies into basic water (7.5). The elements contained in this water caused the fins to be eaten away. Coloration was ok but far from the fast peaking stage I found in neutral water. I found myself scrubbing away lime deposits left at the water line of these tanks. Plants did not grow well. I concluded from these results I would choose not to live in such a hostile environment, my guppies agreed.

We should also be familiar with the Dh (hardness) of the water in our tanks. I found guppies like to be in medium hard water (60 to 100 ppm). By purchasing a water harness kit for about \$4.00 I found out how many parts per million my water has. If the water is too hard, there are many reliable water softeners on the market. I have over 30 tanks in my fish room. In order to soften the water I would one day like to purchase a water softener machine. On the other hand, one may find he/she has soft water. If this is true simply save some egg shells, crush them and place them in the bottom. The shells are mostly calcium which serves to harden the water. Too many egg shells can cause the water to become too hard; then soft water has to be added. Fish seem to have a shorter life span in soft water. Therefore it is inadvisable to keep show stock in this type of water.

I think we would all agree that using neutral water at a hardness of 60 to 100 ppm is excellent in which to keep our prize guppies. By keeping them in good water we do not need to change the filter medium so often. We therefore have more time to concentrate on improving our guppy strains. After all - aren't we trying to prepare for the busy show season? I should like to think so.

GUPPIES IN GREAT BRITAIN

by Astrid Young
Austrian Guppy Club

The following report suits the interesting discussion of the IFGA bulletin (July 1984 issue) on breeding techniques of the guppy - Part 5 - Swordtails. The following article was written by W. Myers, London and was one of the contributions to the Guppy Workshop and Breeders Meeting held in Austria last month. The co-operation of Great Britain, although having been isolated for several years of British breeders, is a success of the IKGH central office in Vienna. The International board of curators for guppy high breeding, the international working group of national guppy associations, tries for the global cooperation to benefit guppy high breeding since 1981.

GUPPIES IN GREAT BRITAIN.....

As executive of the IKGH central office in Vienna I am especially pleased that this article of W. Myers will be published in the renowned and diversified specialist periodical of the IFGA guppy breeders.

I would also like to note that the article of Tom Allen, President of the IFGA, has found keen agreement by the participants at the International meeting in June. Many thanks for this exemplary support.

LOWERSWORDS

by W. Myers
Great Britain

The Lowersword was one of the original show guppies. We have had a standard for almost 50 years. It is possible to produce fish very near to the required standard and I have seen more very high class Lowerswords than any other type. It has been argued the Swordtail guppies are not fancy guppies within the meaning of the term, be this as it may, they make a good fish for a beginner or as a second strain. Much is known about them. They are robust and prolific if not inbred too far, they do not carry many mutated genes, so are free from the troubles that haunt some strains. Probably the biggest drawback to the Lowersword is its fertility. Once started a mature female will produce a large brood every four weeks. Unless something is done, the breeder will have hordes of small fish that cannot be fed or raised properly.

The things to aim for are: good size, correct finnage and lots of color. Size is not too difficult - I find that if the water is kept clean and fresh; overfeeding and over crowding are avoided; an outcross every two or three generations will maintain good size - if you can do special feeding that's even better.

If you have not bred Swordtail guppies before there are a few points on their peculiarities that may be of interest. First, the fins of the males are not fully developed until they are about eight months old, although the obvious duds are often recognizable before this, but don't make up your mind which are your best fish too early. Second, they are great jumpers, keep their tanks closely covered, especially when filling. Last, the males are virile for much longer than Broadtails, so setting up a strain is made easier.

When choosing your initial breeding stock it is probably best to get it from a breeder of the type you want to breed. This is possibly not so important as it is with Broadtails because the male is what he appears to be. Lowersword males do not carry factors for fin shape that are hidden. If they are mated to the right type of female they will breed Lowerswords, so if the male is correct for finnage he can be used. Good health is of primary importance in all breeding stock, almost anything else can be added by careful mating, but if you start with sickly fish years of work can be wasted. There are lines of Lowerswords that are over thirty years old, although with countless outcrosses it is debatable if anything of the original fish is still in the strain.

It is not so easy to choose the female for breeding unless its pedigree is known. The classic female "Swordtail" is the same in appearance as a female wild guppy. The shape of the fins is the "Natural" Standard female of the F.G.A. The color of the fins is called "clear" - in most fish a little black shading can be found, but the overall impression is of transparent fins as per "wild stock". It is very important to avoid females with color in their fins. This often points to

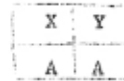
LOWERSWORDS.....

Broadtail stock and will lead to coarse finnage in the young. When a line is established such crosses can be made when desired, but you must have a pure line to cross back to, if chaos is to be avoided.

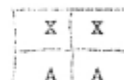
To try to give a simple explanation of the process involved is not easy, but worth a try. For the purpose of inheritance, imagine each fish to be four boxes:



If the fish is a male the boxes will be



A female has one box different



Two of these boxes are inherited from each parent, one is either an X or Y, the other is an A. The Lowersword factor is carried in the Y box, the presence of Y means that the fish is a male, so the Lowersword is passed from the father direct to his sons. The A box from the Lowersword carries no factors for fin shape, if any were present, they would be shown. Factors carried on the A are dominant to those carried on the X and Y. From the male Lowersword we have a Yls and an A without factors, or Yls, from the female parent, we require an Xo and an Ao,

both without factors for fin shape

Xo
Ao

When brought together making

Xo	Yls
Ao	Ao

 or as it is normally written XoYlsAoAo.

The only box containing a factor for shape is Y or male determining chromosome.

Most of the Broadtail factors are carried in the A or X boxes and show as color in the fins. The point to all this is that although two boxes arrive from each parent, when the divide again, not only can the A's be transposed between the X and Y but parts of one A are exchanged with the other. This process of interchange is vital to the well being of the fish and is the source of hybrid vigor. In closely inbred strains this interchange produces no new combinations and decline in all departments is seen.

It can be seen that if Broadtail genes are introduced then two fish carrying them are crossed, the resulting young will almost certainly be a very mixed lot. That is why an F1 hybrid should be crossed back to a pure line and not to a sibling. The female Lowersword should be

Xo	Xo
Ao	Ao

 or as it is normally written XoXoAoAo.

Topsword females are suitable crosses. Doublesword females are not.

Editor's Note: Many thanks to Astrid and the IKGH for allowing us to reprint this fine article. I am sure it will be of great interest to all of the breeders of Swordtails here in the United States and helpful to anyone who may be interested in starting a strain of Swordtails. This article is copyrighted by IKGH and may not be reprinted without permission.

WHAT'S FOR SUPPER?

Subject: Daphnia

How To Grow Your Own

from George McCroskey

While it may be past history, some years ago wild daphnia were a staple food for the entire tropical fish world. Even the fish farms in Florida carefully cultivated them in quantity to grow better tropical fish of most varieties. Even today there is one thing still to be said for them--they are certainly a "live" food that can be grown simply and cheaply as long as certain rules are followed.

- (1) They are a cool water loving species.
- (2) As with most cultivated animals, they must be fed to obtain them in usable quantities.
- (3) A starting culture of some kind is needed.
- (4) While they are not a good "growth food" they do furnish needed color enhancement items as well as exercise, vitamins and minerals, plus a change-of-pace live food.

For better than twenty years I have gotten quantities of several species of live daphnia in my backyard with a minimum of work and trouble---all in less than 100 gallons of water. The water insects come back each spring automatically and stay until the water warms up to near 80 degrees temperature when they begin to fade away. They usually come back a bit in late September but never in the spring quantities. In early May it is easy to collect up to a full pint of mixed sizes of daphnia (with water) every other day. As the species are mixed (originally, such were deliberately introduced in the water) you can see animals of the very small up to one eighth inch. I suppose these could be sifted or separated if such efforts were necessary. This was often done by hobbyists of thirty years ago.

To grow your own daphnia, you should have the following. The listed items are suggestions only and can be varied in some ways with no great harm done.

1. A container that will hold water. A somewhat shallow one is best but if your available kinds is deeper, it will likely work. A five to seven foot across child's wading pool is good. An old bathtub is excellent. A wooden barrel as sold for planters will work, especially those sold as "half-barrels". (Note - These contain alcoholic by-products and may take some weathering, or soaking in HOT water to make them usable for live insect production. One man I once knew did very well by scooping out a shallow hole in the ground and lining it with plastic. Keep in mind that the more water gallonage you have, the more can be produced.
2. An area that will get sunlight. At least five to eight hours. More will heat up the water faster, less will not allow algae growth--which are food you will have to help along to feed the rapid growth. Pea-soup water is what will do the best..... and if you can get it to grow on your container sides, more and longer lived daphnia you will get.
3. Water. Rain water is best, but most any kind will work - some kinds take longer to "condition". Remember most tap water is treated to keep down algae growth and you must allow this to dissipate naturally. You can hasten this a lot by the next item.
4. Manure, or lawn fertilizer--one with a high nitrogen content. If you have both, use both, it will condition the water in record time. The amount is not too important except a rough amount is about a handful ($\frac{1}{4}$ cup) per 50 gallons of water. More does no harm but don't over-do it as long as the daphnia are seen in quantity.

WHAT'S FOR SUPPER?.....

5. Soil -- Any kind of plain dirt that is available. Just enough to cover the bottom about one inch. More is O.K. but too much gives you less available water. This does several things. Viable daphnia eggs drop into this and stay dormant for long periods, years sometimes. This also gives you algae spores to start things growing. Note, if this appeals to you, most any kinds of aquatic plants can also be grown in this soil and water. (Not water lilies unless it is more than 18 inches deep).

6. Some daphnia--as a "starting culture". I think I read somewhere that these can be bought, via mail order, through fish magazine ads. The species of daphnia are not too important as most any kind will do well sooner or later. The actual number needed to start your own nursery need not be too many. A dozen will usually do it although more will hurry things up. I remember years back trying to find a few wild ones to start with and they were hard to find mostly because I did not know where to look, or what they really looked like in the wild. When I did find some in a roadside ditch, they looked very tiny and green in color compared to the book version that said they would be red or pink. Later on, the descendants of these were red, but I think this was because they were on a much better diet.

Once you have your container, have filled it with water and soil, fertilized it, allow it to stand, preferably in the hot sun for at least a week. The water will be very cloudy. This should change to green, given enough time, although as soon as any green algae can be seen, either on the sides or in the water itself, you are on your way. Add the live daphnia. The cloudy water will clear when the insects become numerous. If the water is very cool, this may take weeks, but if it is over fifty degrees the population will increase rapidly. The growth rate can be checked often by simply dipping out a sample in a clean glass jar, holding it to the light and observe the numbers and size of the daphnia. Add nothing more to the water until the water is clear and you are collecting live foods.

Note: An outdoor pond will also become a home to various other water insects. ALL make good fish food although some types may give troubles, such as mosquito larvae, and very occasionally the larvae of dragon flies which are sometimes called "water dragons". If inadvertently collected with other live foods, they can thrive in aquaria and may even eat baby fish.

One thing to think on. Your own private stock of home raised live foods have several points to consider on other methods such as wild-collected kinds. They are easy to collect, are cheap, and can even be sold or traded once you have a successful crop. Plus they can give useful information on how things grow and reproduce in their natural surroundings.

Editor's Note: George also enclosed a note with his article stating that he has daphnia that he can no longer use. Anyone who can use them are welcome to what he has for nothing more than picking them up or the postage costs if they wish them mailed. His address is: George B. McCroskey
1627 Mahala Street
Oregon, Ohio 43616

NEXT MONTH'S WHAT'S FOR SUPPER? - LIVER RECIPES

Our show season is winding down with only two shows left in August. Looking at the Point Standings one can see how important it will be to enter your fish at these last two shows. There are several classes where first and second place are less than a hundred points difference - one winning tank entry could decide this. The places for second, third and fourth are equally undecided in most classes. So give these two clubs all of your support not only for the benefit of the host club, but for yourself and that annual award.

We have a number of old bulletins we would like to get rid of. The issues are from 1974 thru 1980. If any of the IFGA clubs would like these for their libraries we will be glad to ship them to you for the cost of postage. In most cases they will be shipped UPS - depending on the quantity to be sent. If there is any individual who would like these bulletins please contact us for further information as to cost. Issues available are as follows:

1974 - March thru November
 1975 - Feb., May, June, July, Aug., Sept., Oct., Nov., Dec.
 1976 - June thru December
 1977 - Feb., Mar., Apr., June, July, Aug., Oct., Nov., Dec.
 1978 - Feb., Mar., Apr., May, June, July, Sept., Oct., Dec.
 1979 - Mar., May, June, July, Sept., Oct., Nov.
 1980 - Feb., June, July, Aug., Sept., Dec.

M.V.G.A. extends Best Wishes to two of our club members - Pat and Jim McCarty on their new venture. Their pet shop - "Fin 'N' Feathers" is scheduled for an early August opening!!

The following word puzzle appeared in the "Splash" a publication of the Milwaukee Aquarium Society. It was done by C.J. Krenke and entitled "What Makes M.A.S. Tick?" For this bulletin I've reworded it to:

WHAT MAKES I.F.G.A. TICK?

I H F S N O I T A R T S N O M E D O G A V B
 S N V X B O W L S H O W S O B E E N I V O R
 F U T U O T N S B S F D A T U S D R A W A E
 I W O E A Q E I W U R C P S M L I V E S M E
 H J X C R U R O J A D P I C N I C S Q E U E
 S P K D D E H H S E U A R A F J A F M R K D
 T W S I M S S P T G Z P X V N R T B Z H T E
 O A S H E J H T S G J U D B N P E M O U K R
 S T P D M P O G I U E L A T E R D L Q A H Y
 H T I C B H P Z Y N U Q O T S O P S J Q G H
 N L H T E P O S B J G M C Z B R E E D E R S
 S S S J R I W E B M A S I H M B O S U B A S
 X P D F S C N B O W C C P I M O P H S I F I
 Y L N D W G E I H F M O M E V R L D K I F F
 N A E S O P R O G R A M S C A C E F T A L K
 Z C I P H D S C O O J M B Z Y K G E U N E S
 H H R I S I V P O L L I L B M N E T W Z S J
 S V F R E E S H N M O T S G S B T R B B L S
 A U C T I O N S V Y G T E M I T T F S I H E
 L O I I D V S G N I T E M Y L H T N O M S
 P T Z A L F R I E N D E H I P I D U F Z N T
 S H O W S T L G F I X S E S O F F I C E R S

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DATE SEP 1984

Official
Publication

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- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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MESSAGE FROM THE PRESIDENT

by Tom Allen

Our Indiana connection - R & A Albright of Indianapolis and J & B Longer of Lafayette - took top honors in the novice competition in Milwaukee. S. Shoffner and The Weekley's were our novice class winners in the Buckeye show. As always, we encourage our novice winners to step-up their participation and exhibit in all IFGA sanctioned shows. If you're unsure how to go about shipping to a show, ask an "old timer" to show you the ropes. It is not as hard as it seems and, very likely, your fish will be competitive in other classes as well.

Don't forget there is a judging seminar scheduled as part of the annual weekend in St. Louis. If you are relatively new to the hobby, it's a chance for you to learn just what the judges look for when they select the winners. It's also an opportunity for you to talk to those breeders who consistently end up on top in the standings year after year and learn their secrets. Let's get behind the Gateway group and make this annual show something for all to remember.

Now would be a good time to begin thinking about the '85 show season and making a personal commitment to increase your level of involvement in the hobby. You can start by attending and/or exhibiting at more shows next year, by passing the judging test, by giving a program/lecture on the guppy, by writing an article for our bulletin, by giving encouragement to a fellow breeder, etc. etc.

GUPPY FEVER - CATCH IT!!

NOTICE!!

NOTICE!!

There is a correction to the Agenda for the Annual Meeting.

The meeting will start at 10:00 AM Local Time on November 3, 1984

SHOW SCHEDULE 1984

CLUB	SHOW DATE	RESULTS
Maumee Valley Guppy Association	April 7-8	May
Pan Pacific Guppy Association	April 21-22	June
Guppy Associates International Chicago	May 5-6	June
Canadian Guppy Club	May 19-20	July
Big Apple Guppy Club	June 2-3	July
South Jersey Guppy Group	June 23-24	July
Guppy Associates of Milwaukee	July 21-22	September
Buckeye Fancy Guppy Club	August 4-5	September
East Coast Guppy Association	August 25-26	
Gateway Guppy Association	November 2-3-4	

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association

Meetings: South Jersey Guppy Group and Gateway Guppy Association.

1.

GUPPY ASSOCIATES OF MILWAUKEE
SHOW RESULTS

577 (?) Entries

July 21-22, 1984

BEST OF SHOW

MALE: (Blue Delta)	(H/B Red Delta)	(Red Delta)	(H/B Pastel Delta)
1 B & K Curran	2 J & M Mackey	3 T & N Zielinski	4 T & N Zielinski
FEMALE: (H/B AOC)	(Black)	(H/B Red)	(B/Gr)
1 S & B Miller	2 J & V Wilson	3 S & B Miller	4 S & B Miller
TANK: (Blue)	(H/B Pastel)	(H/B AOC)	(Snakeskin Solid)
1 Joe Smith	2 T & N Zielinski	3 M & D Lastella	4 Frank Orteca
BREEDER MALE: (9)	2 T & P Allen	3 B & J Orth	4 M & D Lastella
1 Joe Smith			
BREEDER FEMALE: (8)	2 Frank Barta	3 J & V Wilson	4 J & V Wilson
1 Frank Barta			
MILWAUKEE SPECIAL: (1)			
1 Rich Wagner			

	TANK	DELTA	VEIL
RED:	(7)	(16)	(5)
Joe Smith		T & N Zielinski	Frank Orteca
Joe Smith		Joe Smith	John O'Brien
Paul Gorski		Joe Smith	John O'Brien
Paul Gorski		Joe Smith	John O'Brien
BLUE:	(8)	(22)	(5)
Joe Smith		B & K Curran	M & D Lastella
Joe Smith		B & K Curran	Eugene Golimowski
B & J Orth		B & J Orth	B & J Orth
Steve Sparrow		Joe Smith	B & J Orth
GREEN:	(9)	(8)	(4)
R & B Halverson		R & B Halverson	M & D Lastella
J & M Mackey		J & M Mackey	Rev. Lloyd Groenke
M & D Lastella		R & B Halverson	Rev. Lloyd Groenke
Mark Miarka		M & D Lastella	B & J Orth
PURPLE:	(8)	(11)	(8)
M & D Lastella		B & J Orth	B & J Orth
B & J Orth		M & D Lastella	Eugene Golimowski
T & P Allen		T & P Allen	T & P Allen
T & P Allen		Robert Van Den Langenberg	Eugene Golimowski
BLACK:	(10)	(13)	(4)
D & R Rush		William McGovern	J & V Wilson
D & R Rush		J & V Wilson	J & V Wilson
B & J Orth		D & R Rush	J & V Wilson
D & R Rush		William McGovern	Disq.
MULTI:	(9)	(16)	(5)
Bev Richmond		Frank Mormino	Jim Jirku
Frank Mormino		Frank Mormino	J & V Wilson
Bev Richmond		Arthur Hintz	Frank Orteca
Bev Richmond		Frank Mormino	Jim Jirku

2.

G.A.M. RESULTS.....

	TANK	DELTA	VEIL
AOC:	(2)	(4)	(3)
John Zelk S & B Miller		John Zelk John Zelk Jim Jirku S & B Miller	Leonard Buttafuoco S & B Miller Disq.
H/B RED:	(7)	(13)	(8)
Irwin Solomon B & J Orth B & J Orth R & A Albright		J & M Mackey Bob Williams Everett Gold Vic Piteo	J & M Mackey Everett Gold E & W Cooney Vic Piteo
H/B BLUE:	(6)	(17)	(4)
Chester Miarka Chester Miarka Chester Miarka Chester Miarka		J & M Mackey J & M Mackey Jim Thale J & M Mackey	Chester Miarka Frank Barta Leonard Buttafuoco Disq.
H/B PASTEL:	(17)	(13)	(12)
T & N Zielinski T & N Zielinski T & N Zielinski T & N Zielinski		T & N Zielinski T & N Zielinski T & N Zielinski T & N Zielinski	Dr. Anthony Sabatasso Darrell Johnson Darrell Johnson B & K Curran
H/B YELLOW:	(3)	(3)	(4)
Charlie Zesch Charlie Zesch J & B Longer		Charlie Zesch Charlie Zesch J & B Longer	Charlie Zesch Charlie Zesch J & B Longer B & J Orth
H/B AOC:	(6)	(5)	(4)
M & D Lastella R & A Albright Leonard Buttafuoco Stephen Kwartler		Stephen Kwartler Stephen Kwartler R & A Albright R & A Albright	Stephen Kwartler Peter Tedesco Disq. Disq.
RED BI:	(9)	(16)	(7)
Bev Richmond Bev Richmond Robert Van Den Langenberg Ted Lobello & family		E & W Cooney J & V Wilson Robert Van Den Langenberg Ted Lobello & family	B & J Orth Ted Lobello & family Ted Lobello & Family Bev Richmond
BL/GR BI:(5)		(10)	(3)
David Niedzialkowski David Niedzialkowski T. Wichowski David Niedzialkowski		David Niedzialkowski David Niedzialkowski David Niedzialkowski Stephen Sparrow	Stephen Sparrow Stephen Sparrow Stephen Sparrow
AOC BI:	(11)	(10)	(11)
Stephen Sparrow Jim Jirku Jim Jirku Jim Jirku		Stephen Sparrow Robert Van Den Langenberg Robert Van Den Langenberg J & V Wilson	Steve Welli Jim Jirku John Zelk Jim Jirku

G.A.M. RESULTS.....

	TANK	DELTA	VEIL
SNAKESKIN SOLID:	(11)	(14)	(9)
Frank Ortaca Frank Ortaca Frank Ortaca Frank Ortaca		Frank Ortaca Eugene Golimowski Frank Ortaca B & K Curran	T & P Allen Rich Bader T & P Allen Frank Ortaca
SNAKESKIN VAR.:	(7)	(11)	(9)
Rich Bader James Alderson Rich Bader Rich Bader		Rich Bader Rich Bader James Alderson J & V Wilson	Rich Bader Rich Bader Rich Bader James Alderson
YELLOW:	(2)		(4)
Ray Winkler Disq. Disq. Disq.			Ray Winkler Disq. Disq. Disq.
PALETTE:	(7)		(12)
T & P Allen J & V Wilson J & V Wilson J & V Wilson			J & V Wilson Eugene Golimowski T & P Allen T & P Allen
GOLD:	(0)		(1)
			Eugene Golimowski
ALBINO:	(9)		(10)
Warren Burke Warren Burke F & I Chang Bev Richmond			Jose Duque Jose Duque Bev Richmond Eugene Golimowski
SINGLE SWORD:	(3)		(9)
J & V Wilson M & M Golimowski J & V Wilson			J & V Wilson M & M Golimowski Don Saurers Ted Lobello & family
DOUBLE SWORD:	(4)		(10)
Don Saurers J & V Wilson J & V Wilson Jim Thale			Don Saurers Don Saurers Jim Thale Jim Thale
NOVICE:			(7)
NO TANK CLASS			R & A Albright Bill Klein R & A Albright Bill Klein

G.A.M. RESULTS.....

FEMALES		
RED: (6)	BL/GR: (8)	BLACK: (?)
Chester Miarka	S & B Miller	J & V Wilson
Chester Miarka	Frank Barta	D & R Rush
Mark Miarka	R & B Halverson	D & R Rush
Mark Miarka	R & B Halverson	D & R Rush
AOC: (?)	H/B RED: (2)	H/B AOC: (10)
S & B Miller	S & B Miller	S & B Miller
Bob Williams	S & B Miller	S & B Miller
J & V Wilson		E & W Cooney
Mark Miarka		E & W Cooney
DEB: (6)	NOVICE: (2)	
Warren Burke	J & B Longer	
Ed Lobello & family	Jerry Fitzpatrick	
Don Saurers		
Warren Burke		

Editor's Note: There was no Judges, Assistant Judges or Observers list on the bulletin copy of the show results.

JULY'S QUESTION OF THE MONTH

from Gary J. Meli
Corresponding Member
White River Junction, Vermont

I am writing in response to the question in the July issue of the IFGA Bulletin (page 25), regarding the great dissimilarity in the sex ratio of fry sired by a Half-Black Red male, outcrossed with females of other lines. While I can not attempt to provide "the" answer, I would like to relate a similar personal experience.

Originally I crossed a Golden Flame male with a Half-Black Leopard female. The several hundred offspring matured into the following basic types -

Males: Half-Black (Red-streaked Forebody) Red Veiltail
Half-Black (Black reticulated Forebody) Multicolor Veiltail
Half-Black (Red-streaked Forebody) Bicolor Deltatail
Half-Black (Gold reticulated Forebody) Multicolor Coufertail

Females: Half-Black Leopard
Half-Black Yellow
Gold (Clear Yellow Dorsal and Caudal Fins)
Gold (Opaque Yellow Dorsal and Caudal Fins)

Several full-sibling crosses were carried out with these fish, however for the sake of the topic I will discuss only that of the single Half-Black Red Veiltail male produced. Although now gone on to "greener algae beds" he was a fine individual with a bright, vermillion caudal and a large, nicely matbhing dorsal, black pectoral fins and a small red epaulet on each side of his forebody. He was put with the finest of the Half-Black Leopard females, who was herself a much better individual than their mother (more intensely black pigmented in her body, pectoral

JULY'S QUESTION OF THE MONTH.....

fins and caudal and dorsal spots, and possessing a much brighter, lemon-yellow base color in her caudal, dorsal and anal fins).

At this time seven broods have been produced by this mating, and the sex ratio of the offspring is estimated to be 4:1 females to males. In addition, none of the resulting males resemble their father, but are Half-Black Leopards, or Half-Black Multicolors.

I have several thoughts as to the possible mechanisms producing this effect. Perhaps a mutation in the original female allowed for a recessive pattern to be expressed in her son. Or a lethal sex-linked gene is involved and I have intensified its effect by the brother X sister cross. The gene(s) may be associated with the color, pattern, fin shape, or other characteristic, or some combination thereof.

At this time, a well-grown Half-Black Leopard male is awaiting the maturity of his similarly colored sister, before I perform the second filial (F2 cross). There is always the chance that his mother will yet produce more "little brothers" in her remaining broods to correct the misrepresented ratio, or the reappearance of the Half-Black Red color pattern in his sons, may shed some light on the subject. In any case, a few months time will tell!!

CROSS	MALES		FEMALES
Parental (P1)	DORIAN (Golden Flame)	X	VALERIAN (Half-Black Leopard)
First Filial (F1)	VLADIMIR (Half-Black Red Veiltail)	X	DAHLIA (Half-Black Leopard)
Second Filial (F2)	ADRIAN (Half-Black Leopard)	X	ARIEL (Half-Black Leopard)
		?	
*****	*****		*****

QUESTIONS & ANSWERS

We are very much in need of questions for this column. If you have any problems in your fish room this is the place to bring them - maybe some of our readers can supply you with an answer to it. For the time being we have decided to make this a TOPIC of the MONTH. The fall months are the best time to prepare your fish room for the winter ahead. So we are asking for articles on ways/tips to protect those guppies in the cold weather or economical ways to heat your fish room. These articles will be published in next month's bulletin - Deadline for this material is September 17, 1984. Hope to hear from you soon!!

August 4,5,6, 1984

BUCKEYE FANCY GUPPY ASSOCIATION

SHOW RESULTS

521 Entries

JUDGES: Tom Allen, Rich Bader, Vi Golimowski, Eugene Golimowski, Sue Hull, Ted Lobello, Frank Orteca, Bill Orth, Don Saurers

ASS'T JUDGES: R. C. Albright, Dave Arms, Rich Serva, Terry Wasylink, John Wilson, Ray Winkler

OBSERVERS: J. Longer, B. Longer, G. Long, R. Long, Joe Smith, Ron Pich, Joshua Wilson, Ed Regec, Kathy Hawley, Jim Shoffner, Ken Hawley, Frank Barta, Bob Fillinger, Leila Miarka, Mark Miarka, Bill St. Clair, Guido Ponzinni, Al Bino, Dorothy Arms, Chris Rush, Dave Rush

BEST OF SHOW

TANK: (Blue) (Double Swordtail) (Purple) (Snakeskin Var.)
1 Joe Smith 2 Don Saurers 3 M & D Lastella 4 Rich Bader

MALE: (Green Delta) (Green Veil) (Red Delta) (Blue Delta)
1 R & B Halverson 2 Frederick Roll 3 Paul Gorski 4 B & J Orth

FEMALE: (H/B AOC) (AOC) (Black) (Red)
1 Eugene Golimowski 2 Bob Williams 3 D & R Rush 4 Mark Miarka

BREEDER MALE: (6)
1 T & P Allen 2 Joe Smith 3 M & D Lastella 4. Joe Smith

BREEDER FEMALE: (11)
1 D & R Rush 2 Frank Barta 3 Frank Barta 4 D & R Rush

	TANK	DELTA	VEIL
RED:	(5)	(8)	(7)
Joe Smith		Paul Gorski	John O'Brien
Joe Smith		Joe Smith	Paul Gorski
Joe Smith		John O'Brien	John O'Brien
Paul Gorski		James Alderson	John O'Brien
BLUE:	(8)	(29)	(5)
Joe Smith		B & J Orth	Eugene Golimowski
Joe Smith		Joe Smith	B & J Orth
Joe Smith		B & K Curran	M & D Lastella
Bob Williams		James Alderson	Disq.
GREEN:	(6)	(9)	(4)
Mark Miarka		R & B Halverson	Frederick Roll
M & D Lastella		R & B Halverson	M & D Lastella
R & B Halverson		Ed Regec	Disq.
R & B Halverson		M & D Lastella	Disq.
MULTI:	(3)	(5)	(4)
Bev Richmond		J & V Wilson	J & V Wilson
Bev Richmond		J & V Wilson	Jim Jirku
Bev Richmond		Warren Burke	Warren Burke
		Bev Richmond	Disq.
PURPLE:	(7)	(7)	(8)
M & D Lastella		T & P Allen	Eugene Golimowski
T & P Allen		B & J Orth	T & P Allen
M & D Lastella		Frank Barta	T & P Allen
B & J Orth		T & P Allen	T & P Allen

B.F.G.A. RESULTS.....

	TANK	DELTA	VEIL
H/B RED:	(14)	(15)	(7)
Jim McGarty		Bob Williams	Vic Piteo
Don Saurers		B & J Orth	Vic Piteo
B & J Orth		E & W Cooney	Vic Piteo
Vic Piteo		Vic Piteo	B & J Orth
H/B PASTEL:	(11)	(8)	(5)
Dr. Anthony Sabatasso		Dr. Anthony Sabatasso	Dr. Anthony Sabatasso
Dr. Anthony Sabatasso		Mark Miarka	Dr. Anthony Sabatasso
Dr. Anthony Sabatasso		Dr. Anthony Sabatasso	B & K Curran
Cheryl Harris		Dr. Anthony Sabatasso	Dr. Anthony Sabatasso
H/B AOC:	(3)	(6)	(0)
R & A Albright		R & A Albright	
M & D Lastella		R & A Albright	
Leonard Buttafuoco		R & A Albright	
		John Maslar	
SL/CR BI:	(0)	(3)	(1)
		Cheryl Harris	B & C White
		K & K Hawley	
		K & K Hawley	
RED BI:	(7)	(19)	(7)
Bev Richmond		E & W Cooney	Bev Richmond
T & P Allen		T & P Allen	Mark Miarka
Ted Lobello & family		J & V Wilson	Ted Lobello & family
Ted Lobello & family		Ted Lobello & family	B & J Orth
AOC BI:	(6)	(4)	(5)
J & V Wilson		Jim Jirku	Jim Jirku
Warren Burke		Jim Jirku	Warren Burke
Jim Jirku		Jim Jirku	Jim Jirku
Jim Jirku		Warren Burke	Jim Jirku
SNAKESKIN SOLID:	(8)	(10)	(9)
Frank Orteca		Eugene Golimowski	T & P Allen
Frank Orteca		Frank Orteca	Frank Orteca
Frank Orteca		Frank Orteca	Frank Orteca
Eugene Golimowski		Frank Orteca	T & P Allen
SNAKESKIN VARIGATED:	(5)	(9)	(7)
Rich Bader		James Alderson	Rich Bader
James Alderson		James Alderson	Rich Bader
Rich Bader		Rich Bader	Rich Bader
Rich Bader		Rich Bader	Rich Bader
H/BLUE:	(5)	(7)	(7)
J & M Mackey		J & M Mackey	Leonard Buttafuoco
Chester Miarka		J & M Mackey	Disq.
Leonard Buttafuoco		Jim Thale	Disq.
Chester Miarka		Frank Barta	Disq.
BLACK:	(7)	(11)	(4)
D & R Rush		J & V Wilson	J & V Wilson
D & R Rush		D & R Rush	Disq.
D & R Rush		D & R Rush	Disq.
D & R Rush		D & R Rush	Disq.

B.F.G.A. RESULTS.....

AOC:	TANK (0)	DELTA (4)	VEIL (2)
		T & P Allen Ed Regec Ed Regec S & B Miller	B & J Orth Leonard Buttafuoco

H/B YELLOW:	TANK (3)	COMBINED (3)
J & B Longer J & B Longer Jim Thale		J & B Longer J & B Longer Rich Serva

ALBINO:	(8)	(13)
Jose Duque Jose Duque H & I Chang Rev Richmond		Jose Duque Jose Duque Jose Duque Jose Duque

GOLD:	(0)	(2)
		Eugene Golimowski Disq.

BRONZE:	(6)	(11)
T & P Allen J & V Wilson J & V Wilson J & V Wilson		Eugene Golimowski Eugene Golimowski J & V Wilson J & V Wilson

YELLOW:	(1)	(2)
Ray Winkler		Ray Winkler Disq.

SINGLE SWORD:	(6)	(11)
J & V Wilson J & V Wilson J & V Wilson Don Saurers		Frederick Roll Frederick Roll J & V Wilson M & M Golimowski

DOUBLE SWORD:	(7)	(13)
Don Saurers Jim Thale Don Saurers J & V Wilson		Don Saurers Don Saurers Frederick Roll Frederick Roll

NOVICE:	(0)	(6)
		The Weekley's Bob Fillinger Debbie Bartram The Weekley's

FEMALES

RED: (5)	BL/GR: (10)	BLACK: (12)
Mark Miarka Mark Miarka S & B Miller Chester Miarka	Ed Regec J & V Wilson S & B Miller J & V Wilson	D & R Rush J & V Wilson D & R Rush D & R Rush

B.F.G.A. RESULTS.....

AOC: (20)	FEMALES H/B RED: (3)	H/B AOC: (13)
Bob Williams T & P Allen J & V Wilson Ed Regec	S & B Miller Jim McCarty Jim McCarty	Eugene Golimowski Jim Thale Warran Burke Warren Burke

GOLD: (12)	NOVICE: (6)
Frederick Roll Warren Burke Warren Burke Warren Burke	Sue Shoffner Bob Fillinger Bob Fillinger Bob Fillinger

Thanks to all of you who supported our show in any way!!!!

"GOOD GUYS or BAD GUYS?"

by Frank Orteca
Guppy Associates of
Greater Cleveland

A lot has been written by hobbyists who have had bad experiences purchasing Show Guppies from breeders. We've read about -

- (A.) Fish not shipped on time
- (B.) Fish that were not true breeding stock
- (C.) Fish that were overpriced
- (D.) Breeders who would not sell their stock
- (E.) Breeders who would not reveal their "Secrets"

I'm sure there are more but these seem to be the most common.

I'd like to go thru these from the breeder's side of it, starting with A.) Most of the people showing and breeding guppies are doing it for their personal enjoyment. They are not doing it for money or as a sideline business. Their main concern is to raise X amount of fry and have them raised and on the show bench in X amount of time. Their fish rooms are stocked with dry foods, brine shrimp eggs, siphon hoses, pails and whatever else is needed to raise show guppies.

Unless their main contention is to sell show guppies, most breeders will not have small styrofoam bait boxes to ship trios in, stocked in their fish rooms. They also won't have printed instructions on how to raise your new guppies to show fish lying around their rooms.

Because of this when a breeder receives a request for a trio of his guppies it takes some time to make sure the fish are properly shipped out. Keep in mind that the breeder most likely will be holding down a full time job. This along with caring for his fish room takes up a good part of his time. Another reason for delay may be the weather or even the fish themselves. So be patient and let the breeder ship them properly, and in no time at all you should have your room stocked with fry from that trio.

(B.) True Breeding Strains

In some cases the breeder is not showing a true breeding strain. Their show fish may be a small percentage of a drop of young. Believe them when they tell you that and if you're still willing to buy that strain remember you are going to have to cull a lot. Naturally try to get as much background on the strain as possible.

GOOD GUYS OR BAD GUYS?.....

Remember too, that fish react differently in different water. Blues have been known to turn Green, and Greens to Blue, etc., etc., Try to keep an open mind on this.

(C.) Fish Overpriced?

Many eyebrows have been raised when their told the strain they are interested in will cost \$25-\$35 a trio. STOP for a moment and think about the cost in raising those fish (food, heat, lighting, and most important the time put into them). Plus the cost of postage and the shipping container and the time it takes to bag, box and get to the Post Office and the price of the fish are very reasonable. Also consider that a good healthy trio will produce hundreds of young - and one good trio is all you need.

(D.) Breeders Who Won't Sell Their Stock.

There could be a number of reasons why some breeders won't sell their fish. Sure I'll admit some won't sell their stock for fear of competition, but that's the exception. Many breeders sell their stock and then get feedback that the people were not pleased with their fish for one reason or the other. If you have a complaint go directly to that breeder and tell him. Maybe it's something that he can help you with. It might be something you're doing wrong.

Sometimes a breeder is showing hybrids, rather than tell that to a hobbyist he just says "He doesn't want to sell them at that time". I know how that must feel to be told that, but even though it sounds harsh maybe the breeder is trying to do you a favor by not selling them to you.

Many times, myself included, a breeder is devoting all his tank space to show fish. He keeps only enough females for his breeding program and discards all the rest. When a request for a trio comes in, he really may not be able to fill it. I like to sell fish that are 2 1/2-4 months old. I only have fish that age for sale twice a year. Many people don't believe me when I tell them I don't have any for sale at that time. I'm sure there are many other breeders out there who have the same problem. You can't ask a breeder a price for his fish in April then just send him a check in September and expect that fish in a week. Breeders and hobbyists both should discuss the age of the fish and when the breeder will have some that age for sale. Also if you're interested in more than one trio it sometimes is cheaper to buy them at the same time, because it costs the same to ship six fish as it does to ship three.

(E.) Secrets

As Steve Sparrow wrote in an article not too long ago - there really are no secrets, you have to feed them, siphon them and cull them. Other than that the best advice I could give is, to get a strain and work with it for 2 or 3 years. The whole first year you have a strain you are learning about it. It's in the second and third year you can really appreciate working with that strain. Many people hop in and out of strains without even realizing the potential of that strain, or better yet the potential they may realize as breeders. I hope this article has shed some light on the people showing the fish. They really do wear White Hats!

ATTENTION!!!

ATTENTION!!!

We have received very few pictures for our anniversary issue. PLEASE - if you want this issue to be as special as the others, get those pictures (colored or black/white) sent to: Jamey & Julie Magnifico, 54 King St., Nutley, N.J. 07110 by SEPTEMBER 15, 1984.

I.F.G.A. POINT STANDINGS AS-OF AUGUST 6, 1984

RED CLASS		PTS	BLUE CLASS		PTS
1	John O'Brien	3066	1	Joe Smith	2660
2	Paul Gorski	1722	2	M & D Lastella	868
3	Joe Smith	910	3	Jim Alderson	448
4	Stan Shubel	294	4	B & J Orth	378
GREEN CLASS			BLACK CLASS		
1	R & B Halverson	1862	1	J & V Wilson	2338
2	Rev. Lloyd Groenke	1762	2	D & R Rush	1204
3	M & D Lastella	1526	3	Bryan Chin	658
4	Mark Miarka	434	4	Paul Jacobs	490
MULTI CLASS			PURPLE CLASS		
1	Ray Richmond	1652	1	T & P Allen	2646
2	Arthur Hintz	1064	2	M & D Lastella	2366
3	J & V Wilson	882	3	Eugene Golimowski	854
4	Warren Burke	854	4	J & V Wilson	504
AOC CLASS			YELLOW CLASS		
1	S & B Miller	1974	1	Ray Winkler	1960
2	Stephen Sparrow	602	2	David Polunas	728
3	Mark Miarka	280	3	Frank Schultersbrandt	140
4	John Zell	266	4	Rich Serva	112
GOLD CLASS			ALBINO CLASS		
1	Eugene Golimowski	798	1	James Coleman, Jr.	2744
2	Dr. Tay Kah Seng	140	2	Warren Burke	994
3	Jim McCarty	56	3	F & I Chang	770
4	-- --	--	4	Jose Duque	574
BRONZE CLASS			H/B BLUE CLASS		
1	T & P Allen	2568	1	Chester Miarka	1750
2	J & V Wilson	1540	2	M & D Lastella	1596
3	Eugene Golimowski	952	3	J & M Mackey	868
4	Rich Bader	378	4	Leonard Buttafuoco	420
RED BICOLOR CLASS			H/B PASTEL CLASS		
1	Bev Richmond	1932	1	T & N Zielinski	1582
2	Ted Lobello	1498	2	Dr. Anthony Sabatasso	1554
3	Bob Peterson	364	3	Darrell Johnson	882
4	Jim Jirku	336	4	James Kolb	686
BL/GRBICOLOR CLASS			H/B AOC CLASS		
1	David Riedziakowski	2880	1	Stephen Kwartier	4174
2	Stephen Sparrow	672	2	M & D Lastella	742
3	P & M Tedesco	280	3	R & A Albright	490
4	K & K Hawley	182	4	L & S Blaylock	462
AOC BICOLOR CLASS			H/B YELLOW CLASS		
1	Jim Jirku	3822	1	Charlie Zesch	2562
2	Warren Burke	1498	2	Jim Thale	1176
3	Robert Van Den Langenburg	238	3	J & B Longer	686
4	J & V Wilson	224	4	Andy Thornhill	210

STANDINGS.....

<u>H/B RED CLASS</u>	<u>PTS</u>
1 Vic Piteo	2534
2 James McCarty	742
3 Irwin Solomon	560
4 James Alderson	434

<u>SWORDTAIL CLASS</u>	
1 Jim Thale	4620
2 J & V Wilson	1414
3 Don Saurers	1288
4 M & M Golimowski	196
4 Frederick Roll	196

<u>RED FEMALE</u>	
1 Chester Miarka	1036
2 Mark Miarka	308
3 F & I Chang	140
4 Arthur Hintz	84
4 S & B Miller	84

<u>BL/CR FEMALE</u>	
1 S & B Miller	686
2 R & B Halverson	406
3 T & P Allen	154
4 Harold Bryant	98

<u>ACC FEMALE</u>	
1 Rich Bader	490
2 Frank Barta	336
3 J & V Wilson	266
4 Mark Miarka	182

<u>BREEDER FEMALE</u>	
1 Frank Barta	1428
2 J & V Wilson	1260
3 D & R Rush	378
3 Rich Bader	378
3 Warren Burke	378

<u>GRAND OVERALL FEMALE</u>	
1 J & V Wilson	2170
2 S & B Miller	1400
3 Warren Burke	840
4 Rich Bader	805
5 Frank Barta	770
6 E & W Cooney	735
7 D & R Rush	560
8 Al Blunt	455
9 Chester Miarka	420
9 Ray Walker	420

<u>SNAKESKIN CLASS</u>	<u>PTS</u>
1 Rich Bader	3416
2 Frank Orteca	2436
3 T & P Allen	2394
4 M & D Lastella	1596

<u>BLACK FEMALE</u>	
1 J & V Wilson	826
2 D & R Rush	658
3 Reginald Day	98
4 Jerry Horton	84

<u>H/B FEMALE</u>	
1 S & B Miller	994
2 Jim McCarty	630
3 E. & W Cooney	378
4 Warren Burke	266

<u>GOLD FEMALE</u>	
1 Warren Burke	770
2 Don Saurers	224
3 Al Blunt	154
4 J & J Bardoun	126

<u>BREEDER MALE</u>	
1 Joe Smith	4760
2 M & D Lastella	2170
3 T & P Allen	630
4 Louis Wasserman	560

<u>GRAND OVERALL MALE</u>	
1 M & D Lastella	8190
2 Joe Smith	3905
3 T & P Allen	3570
4 J & V Wilson	3290
5 Stephen Kwartier	2765
6 Jim Thale	2440
7 Bev Richmond	2380
8 Paul Gorski	2240
9 Eugene Golimowski	2170
10 Charlie Zesch	1855

GATEWAY GUPPY ASSOCIATES
OF GREATER ST. LOUIS
7 POINT IFGA SHOW

HOLIDAY INN
4545 N. Lindberg Blvd.
Bridgeton, MO 63044
(Near Lambert Airport)

NOVEMBER 2, 3, 4, 1984

SCHEDULE:

<u>Friday</u>	10:00 A.M. - 1:00 P.M. 1:00 P.M.	Entries Accepted Judging Seminar - Followed by written and visual tests. Entries Accepted Hospitality Room
	After Seminar - 5:00 P.M. 8:00 P.M.	
<u>Saturday</u>	8:00 A.M. - 1:00 P.M. 10:00 A.M. 3:00 P.M. 7:00 P.M. 8:00 P.M.	Entries Accepted Meeting Judging Cocktail Hour Dinner - Includes Annual & Show Awards, dancing, drinks.
<u>Sunday</u>	9:30 A.M. 1:00 P.M. 2:30 P.M.	Open to Public Auction Debenching

GENERAL RULES:

1. All Entries must be registered by 1:00 P.M. sharp on Saturday, Nov. 3, 1984. No exceptions can be made.
2. Judging will begin at 3:00 P.M. Saturday, Nov. 3, 1984 and will be according to IFGA standards.
3. Observers to the judging must register prior to 1:00 P.M., Saturday, Nov. 3, 1984. Number of observers may be limited.
4. Exhibitors will determine the class in which their entries will compete, however, assistance in classification will be available at the time of registration.
5. All entries improperly classified will be disqualified and will not be judged.
6. Every precaution will be taken against loss of fish, but GGA cannot assume responsibility for loss or hazard.
7. No gravel, greens, or decorations may be used.
8. All entries must have been born and raised in the exhibitors' tanks.
9. Lighting will be overhead incandescent. Background will be black.
10. All tanks and bowls needed will be provided by GGA.
11. All entry fees must be prepaid.
12. Exhibitors should indicate on entry forms if they want their fish auctioned. Fifty percent of the auction proceeds will be retained by GGA.
13. Fish will not be removed until 2:30 P.M. Sunday, by a GGA member to exhibitor.

AWARDS:

Singles / Tanks

First: Trophies and Award Cards
Second, Third and Fourth: Award Cards

Best of Show / Breeders / St. Louis Special

First: Trophies and Award Cards
Second, Third and Fourth: Rosettes and Award Cards

31st INTERNATIONAL GUPPY SHOW
of the
DEUTSCHE GUPPY-FÖDERATION e.v.

Dear Guppy friends!

Herewith we invite you to take part in our 31st International Guppy Show of the DGF - from October 20th till October 28th, 1984 in Berlin.

The Guppies should arrive in Berlin at the latest by Wednesday, October 17, 1984. If they arrive later we can't guarantee their being placed in the show. All breeders and groups of breeders from Germany and abroad can take part in this competition. The valuation will be carried out according to the statute of the international caratorium for guppy-breeding. Only complete entries are judged; each entry consists of three matched fish.

The entry must include: Name and address of the breeder, number and standard of the fish that will be shown. Exhibitors from abroad need not pay a fee. The address for transport by air:

Airport Berlin
Gunter Tischmann
Thyssenstr. 28
D - 1000 Berlin 51 Tel: 030/4117630

The exhibitor has to bear the risk for the delivery and participation in the exhibition. The management of the exhibition will endeavor for the careful treatment of the fish. The winners of this exhibition will be honored with prizes and special documents. Every exhibitor will receive a document for his entry and from this he can learn his placement in the show.

Very truly yours,
Hermann Guthahn

Editor's Note: Mike Lastella will be handling the shipment for any IFGA members or corresponding members who may wish to ship entries to this show. Please have your fish to Mike by Monday, October 15, 1984. Remember one entry is three matched males. The cost of shipping is \$3.00 per fish entered. If you need more information on this please contact:

Mike Lastella
3340 Yost Blvd.
Oceanside, N.Y. 11572 Phone: (516) 766-3954

ATTENTION!!!

ATTENTION!!!

ATTENTION!!!

The East Coast Guppy Association reports that they have had very little response to their request for suggestions on "The Club of the Year" award. Please help them by sending in your nomination. Mail your suggestion to the Lastella's at the above address.

WHAT'S FOR SUPPER?
Subject: Liver

Making Your Own Pelleted Fish Food

by Mary Harris
Reprint - The Splash
April 1984

A labor of love? Without a doubt? It's not the neatest or cleanest recipe you've ever made, and it certainly won't set your mouth to watering. But what's most important is you know what's in it, and your fish will be healthier and happier.

1 lb. Beef liver	1 lb. Old fashioned Oatmeal
1 lb. Brine Shrimp	(not instant or quick cooking)
1 lb. fresh Spinach	
(stems removed, coarsely chopped, or	
1 lb. frozen chopped spinach)	

1. Cut liver into strips about 1 inch by 4 inches long.
2. In a 6 quart or larger sauce pan, bring 1 quart of water to a slow boil. Add liver and cook about ten minutes or until liver is firm. Remove liver, save water.
3. To remaining water add another quart of water and bring to a boil.
4. Add brine shrimp and spinach and bring back to a boil.
5. Add oatmeal and cook for about ten minutes or until oatmeal is cooked, stirring occasionally.
6. Meanwhile, grind liver. Add ground liver to sauce pan and cook over low heat, stirring until mixture is very thick.
7. Spread mixture as thin and evenly as possible on four 12 x 18 inch cookie sheets.
8. Let dry by either leaving it in a dry, warm place, in a 250 degree oven for about 4 hours, or preferably outside in the sun. (This food has a very strong liver odor while drying.)
9. Cut or break into small pieces and leave at room temperature until you are absolutely sure it's completely dried out. (Mold will form if food is not dry.)
10. Grind dried food.
11. Sift food through wire strainer to remove small dusty food. **SAVE THIS FOR FRY!**

Store in airtight container in cool, dry place. Yield - 5 cups or 40 oz. Everyone knows the price you pay for good quality fish, so who needs to pay for high priced food too? Here is a breakdown of the average cost of this food.

Brine Shrimp	- \$5.50
Oatmeal	- 1.00
Liver	- .80
Spinach	- .95 (frozen)
Total cost	\$8.25 for 40 oz.

FISH FLAVORED LIVER PASTE

by George McCroskey
Reprint - Fancy Guppy Correspondence Club - 1965

1 lb. beef, veal or pork liver	1 box Gerber's Hi-Pro precooked baby cereal
1-5½ oz. fish flavor cat food	½ lb. cubed beef heart (optional)

Blend, grind or chop very finely liver and beef heart. If blended, add water as necessary for proper liquifying. If ground, be sure all meat is very finely

WHAT'S FOR SUPPER?.....

pulverized (straining is recommended). A little water may be necessary. Add enough baby cereal to make a pudding consistency. Mix in cat food thoroughly. Cook in jars or in pans. Label and freeze. If the jar method is used, fill baby food jars three quarters full and immerse in water to the neck. Boil slowly for 1/2 hour. Tighten lids securely, cool and freeze. If freezing into packages, put your mixture into a suitable size sauce pan and cook over low heat, until mixture thickens well. Stir often to keep from burning. Cool, package in plastic wrap or foil in a size to be easily handled.

NEXT MONTH'S WHAT'S FOR SUPPER? - Brine Shrimp

READER'S BLOTTER

by Ann Bader

Congratulations to Buckeye Fancy Guppy Association on their show!!! It was well organized and everything went smoothly. For their first show it was a job very well done! It was a nice surprise to see Dave Arms again in the judging circle and hopefully the Cleveland club can entice him back into the hobby.

The President's Award at the show was won by Joe Smith. It was based on the most IFGA points accumulated at this particular show. Congratulations, Joe!! It was a beautiful trophy and I'm probably particularly happy because it went to an IFGA club member.

We have had several clubs respond to our offer of back issues of the IFGA bulletins. Some of the clubs feel the articles contained in these issues are a great benefit to the newer members of their clubs. Issues are still available, so please contact us if you are interested in any.

With the winter months approaching we are greatly in need of articles for the bulletin. Once again I am looking at empty files. Now I know there are a lot of interesting people in this hobby who are very knowledgeable about guppies so how about helping all of us out by passing your thoughts along. We're interested in hearing what you have to say. A lot of the people who subscribe to this bulletin are new in the hobby - let's keep them enthused - it's the only way we're going to grow.

The Olympics are over until 1988 and once again we enjoyed immensely the summer games in Los Angeles this month. The next issue of the IFGA bulletin will contain the listing of the Guppy "Gold" medal winners! There are several close races at the time of this writing - so don't miss the October issue for the results!!

HELP!!!

Does anyone in either of the California clubs know the address of Reuben and Nancy Collins?? Their August bulletin was returned to us Not Deliverable - Unable To Forward.

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*International
Fancy
Guppy
Association*



DATE OCT 1984

Official
Publication

International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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Lincoln City, OR 97367

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OFFICIAL BULLETIN

OF THE

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OCTOBER 1984

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Congratulations to Doc Wilson and A. Calvacca for placing first in the novice classes in our 1984 season finale, the E.C.G.A. show. The opportunity exists for all of our novice winners to make their names well known in "guppy circles" by continuing to exhibit in other classes. You will really never know how good your fish are until you begin to place with them in classes other than the novice.

Just because the last show is now history is no reason to stop writing articles for our bulletin. It is next to impossible to make the bulletin interesting when all that's left is reprints. This is especially true when there are no results, standings, etc. from recent shows to print which will be the case for the next six months. Sit back and think of something to write about... then write about it!

See you in St. Louis....

THANK YOU

from Rich Serva
Buckeye Fancy Guppy Association

The trophies have been sent out and the books balanced so I figure that I should get this note written before I get too relaxed. I enjoyed our first show (BFGA) and hope that all of our out of town visitors enjoyed it also. I want to thank all the people who helped us through our first show year: the breeders who gave our members show stock, the donators to our guppy auction, and the people from Cleveland and Toledo who helped us at the show. I want to give a special thanks to the Cleveland club who gave us lots of help this year without asking for anything in return. I especially want to thank my club. We have a small club and it took a lot of long hours to pull this show together. Thanks again!

SHOW SCHEDULE 1984

CLUB	SHOW DATE	RESULTS
Maumee Valley Guppy Association	April 7-8	May
Pan Pacific Guppy Association	April 21-22	June
Guppy Associates International Chicago	May 5-6	June
Canadian Guppy Club	May 19-20	July
Big Apple Guppy Club	June 2-3	July
South Jersey Guppy Group	June 23-24	July
Guppy Associates of Milwaukee	July 21-22	September
Buckeye Fancy Guppy Association	August 4-5	September
East Coast Guppy Association	August 25-26	October
Gateway Guppy Association	November 2-3-4	

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association

Meetings: South Jersey Guppy Group and Gateway Guppy Association

August 25-26, 1984

SHOW RESULTS

492 Entries

Judges: Doris Lastella, Mike Lastella, Frank Jamiol, Harold Morgan, Paul Gorski, Dennis Hirth, Barbara Hirth

Ass't. Judges: Paul Blood, Jamey Magnifico, Bonnie Campbell, James Alderson, Frank Schultzerbrandt, John Cashel, Vic Piteo, Jim Thale

Observers: Irwin Solomon, Harold Bryant, Yezid Gutierrez, Josh Wilson, Jerry Williams, Anthony Calvacca, A.L. Blunt, Phil Kwartler, Stephen Kwartler, Fred Fragasso, Tim Barbano, Paul Jacobs

BEST OF SHOW

MALE: (Green Delta)	(Red Delta)	(Blue Delta)	(H/B AOC Delta)
R & B Halverson	Paul Gorski	Jim Alderson	M & D Lastella
FEMALE: (AOC)	(H/B AOC)	(Red)	(Black)
T & P Allen	Eugene Golimowski	Owen Fabon	D & R Rush
TANK (Purple)	(Blue)	(Green)	(H/B Blue)
M & D Lastella	Joe Smith	M & D Lastella	M & D Lastella
BREEDER MALE: (3)			
M & D Lastella	Joe Smith	Joe Smith	
BREEDER FEMALE: (7)			
Frank Barta	D & R Rush	D & R Rush	Warren Burke

	TANK	DELTA	VEIL
RED:	(11)	(13)	(4)
Joe Smith		Paul Gorski	John O'Brien
Paul Gorski		John O'Brien	John O'Brien
Paul Gorski		John O'Brien	John O'Brien
John O'Brien		John O'Brien	John O'Brien
BLUE:	(8)	(7)	(2)
Joe Smith		Jim Alderson	Eugene Golimowski
Joe Smith		T & P Allen	M & D Lastella
Jim Alderson		Jim Alderson	
Jim Alderson		Joe Smith	
GREEN:	(16)	(17)	(10)
M & D Lastella		R & B Halverson	T & P Allen
Rev. Lloyd Groenke		R & B Halverson	Rev. Lloyd Groenke
R & B Halverson		R & B Halverson	Rev. Lloyd Groenke
Rev. Lloyd Groenke		T & P Allen	Rev. Lloyd Groenke
BLACK:	(4)	(5)	(1)
D & R Rush		D & R Rush	J & V Wilson
D & R Rush		D & R Rush	
D & R Rush		J & V Wilson	
D & R Rush		D & R Rush	

E.C.G.A. RESULTS.....

	TANK	DELTA	VEIL
MULTI:	(8)	(12)	(7)
J & V Wilson		Arthur Hintz	J & V Wilson
Yezid Gutierrez		Yezid Gutierrez	Arthur Hintz
Yezid Gutierrez		Arthur Hintz	Arthur Hintz
Bev Richmond		Arthur Hintz	Arthur Hintz
AOC:	(1)	(1)	(1)
Leonard Buttafuoco		Disq.	Disq.
PURPLE:	(8)	(13)	(5)
M & D Lastella		M & D Lastella	M & D Lastella
Eugene Golimowski		T & P Allen	T & P Allen
M & D Lastella		Frank Barta	M & D Lastella
M & D Lastella		Frank Barta	T & P Allen
H/B RED:	(11)	(14)	(7)
James Kolb		Irwin Solomon	Vic Piteo
Irwin Solomon		Bob Williams	Vic Piteo
Don Saurers		Vic Piteo	James Alderson
James Alderson		Vic Piteo	Vic Piteo
H/B BLUE:	(5)	(15)	(3)
M & D Lastella		J & M Mackey	Leonard Buttafuoco
M & D Lastella		J & M Mackey	M & D Lastella
M & D Lastella		J & M Mackey	Disq.
Steve Prochak		J & M Mackey	
H/B PASTEL:	(10)	(11)	(5)
T & N Zielinski		T & N Zielinski	B & K Curran
T & N Zielinski		T & N Zielinski	Anthony Sabatasso
T & N Zielinski		Anthony Sabatasso	Anthony Sabatasso
Anthony Sabatasso		Steve Prochak	Anthony Sabatasso
H/B ACC:	(10)	(10)	(10)
Steve Kwartler		M & D Lastella	Steve Kwartler
Steve Kwartler		Steve Kwartler	Steve Kwartler
Yezid Gutierrez		John Maslar	Steve Kwartler
Steve Kwartler		Steve Kwartler	Steve Kwartler
RED BI:	(4)	(16)	(5)
Bev Richmond		Jose Duque	Bev Richmond
T & P Allen		E & W Cooney	Ted Lobello & family
Bev Richmond		Ted Lobello & family	Ted Lobello & family
T & P Allen		Owen Pabon	Ted Lobello & family
BL/GR BI:	(1)	(6)	(5)
Harold Bryant		Harold Bryant	Harold Bryant
		Disq.	Disq.
		B & K Curran	Disq.
		P & M Tedesco	Disq.
AOC BI:	(2)	(6)	(5)
Paul Gorski		J & V Wilson	Jim Jirku
Jim Jirku		Jim Jirku	Jim Jirku
		Jim Jirku	Jim Jirku
		Warren Burke	Warren Burke

E.C.G.A. RESULTS.....

	TANK	DELTA	VEIL
SNAKESKIN SOLID:	(6)	(9)	(4)
Frank Orteca		Eugene Golimowski	Eugene Golimowski
T & P Allen		Frank Orteca	T & P Allen
Frank Orteca		Frank Orteca	Frank Orteca
Frank Orteca		T & P Allen	Frank Orteca
SNAKESKIN VAR:	(7)	(12)	(5)
Rich Bader		M & D Lastella	Rich Bader
Rich Bader		Rich Bader	Rich Bader
James Alderson		James Alderson	Rich Bader
James Alderson		Rich Bader	James Alderson
	TANK	COMBINED	
H/B YELLOW:	(2)	(2)	
Charlie Zesch		Charlie Zesch	
Jim Thale		Charlie Zesch	
YELLOW:	(0)	(0)	
ALBINO:	(9)	(13)	
Jose Duque		Jose Duque	
Eugene Golimowski		Eugene Golimowski	
F & I Chang		Jose Duque	
F & I Chang		F & I Chang	
BRONZE:	(3)	(4)	
J & V Wilson		Eugene Golimowski	
T & P Allen		Eugene Golimowski	
Eugene Golimowski		T & P Allen	
		J & V Wilson	
GOLD:	(1)	(1)	
Eugene Golimowski		Eugene Golimowski	
NOVICE:		(4)	
		A. Calvacca	
		A. Calvacca	
		A. Calvacca	
		Paul Donafreco	
SINGLESWORD:	(5)	(7)	
M & M Golimowski		Jim Thale	
J & V Wilson		Don Saurers	
J & V Wilson		Karl Liedl	
Karl Liedl		M & M Golimowski	
DOUBLESWORD:	(4)	(8)	
Don Saurers		Don Saurers	
Don Saurers		Erwin Renner	
Eric Renner		Don Saurers	
J & V Wilson		J & V Wilson	
FEMALES			
RED: (8)	BL/GR: (5)	BLACK: (8)	
Owen Pabon	Mark Miarka	D & R Rush	
Owen Pabon	Mark Miarka	J & V Wilson	
Owen Pabon	T & O Allen	D & R Rush	
Mark Miarka	Harold Brvant	D & R Rush	

FEMALES

AOC: (10)	H/B AOC: (15)	GOLD: (6)
T & P Allen	Eugene Golimowski	Warren Burke
Bob Williams	Warren Burke	Warren Burke
Warren Burke	James McCarty	Warren Burke
Frank Barta	Warren Burke	Ted Lobello & family

NOVICE: (3)
Doc Wilson
Anthony Calvacca
Anthony Calvacca

COMMENTS

by Warren Burke

I want to congratulate the East Coast Guppy Association for another show well done. This was their second show they put on for the 1984 season including the annual. The annual in St. Louis should also be a great success for the Gateway Guppy Association in November. All of you breeders ship those fish or come in person to this show - remember this is the start of the 1985 show season and it's very important to get into the color class standings for the 1985 season. The Big Apple Guppy Group will start the spring season in April and now is the time to breed those guppies for this show. We are all looking forward to a club to come forward at the annual to complete a 12 club show schedule for 1985.

THE AUSTRALIAN VIEW

by Miss Kerrie Gray
Corresponding member from
Queensland, Australia

Guppy breeding in Australia is starting to take off. But there aren't any guppy clubs, since the entire population of Australia is about the same as the population in one large American city. It is hard to find a concentration of enough guppy nuts to form a club. So most of my guppy breeding is done by trial and error and with the pointers I get from great magazines like the IFGA bulletin. The lack of information makes the process of breeding good strains fairly slow but it is still well worth the time. From articles I've read in the IFGA we do have one advantage in Australia - our tanks and equipment is quite a bit cheaper.

But oh how I long for a large guppy - most of the guppies here come from Singapore. They have beautiful colours but they're pretty small. It is near impossible to get a nice large American guppy. I could get some but you have to buy so many and they are so dear it is just not practical. I will just have to keep trying till I develop some of my own. Queensland has perfect weather for breeding guppies. It's sunny and warm most of the year and they breed and grow beautifully outside. I have three outdoor tubs and they live outside for about nine months of the year. Winter comes from June to August and it never drops below about 6 degrees. So during the winter months I transfer them inside to heated tanks. If any members would like to write to me I would be most pleased -

Miss Kerrie Gray
Gina's Florist
Shop 16a Bay Shopping Centre
Deception Bay, 4508
Queensland, Australia

FINAL I.F.G.A. POINT STANDINGS FOR 1984

RED CLASS	PTS	BLUE CLASS	PTS
1 John O'Brien	3444	1 Joe Smith	2940
2 Paul Gorski	1988	2 M & D Lastella	924
3 Joe Smith	1050	3 James Alderson	700
4 Stan Shubel	294	4 B & J Orth	378

GREEN CLASS	PTS	BLACK CLASS	PTS
1 R & B Halverson	2114	1 J & V Wilson	2450
2 Rev. Lloyd Groenke	2058	2 D & R Rush	1750
3 M & D Lastella	1666	3 Bryan Chin	658
4 Mark Miarka	434	4 Paul Jacobs	490

MULTI CLASS	PTS	PURPLE CLASS	PTS
1 Bev Richmond	1708	1 M & D Lastella	2828
2 Arthur Hintz	1330	2 T & P Allen	2786
3 J & V Wilson	1092	3 Eugene Golimowski	966
4 Warren Burke	854	4 J & V Wilson	504

AOC CLASS	PTS	YELLOW CLASS	PTS
1 S & B Miller	1974	1 Ray Winkler	1960
2 Steve Sparrow	602	2 David Polunas	728
3 Leonard Buttafuocco	336	3 Frank Schulerbrandt	140
4 Mark Miarka	280	4 Rich Serva	112

GOLD CLASS	PTS	BLUE/GREEN BICOLOR	PTS
1 Eugene Golimowski	1008	1 David Niedzialkowski	2880
2 Dr. Tay Kah Seng	140	2 Steve Sparrow	672
3 James McCarty	56	3 Harold Bryant	336
4 -- --	--	4 P & M Tedesco	308

ALBINO CLASS	PTS	AOC BICOLOR	PTS
1 James Coleman, Jr.	2744	1 Jim Jirku	4200
2 Warren Burke	994	2 Warren Burke	1554
3 F & I Chang	938	3 Paul Gorski	322
4 Jose Duque	826	4 J & V Wilson	294

BRONZE CLASS	PTS	H/B RED CLASS	PTS
1 T & P Allen	2722	1 Vic Piteo	2758
2 J & V Wilson	1708	2 Irwin Solomon	742
3 Eugene Golimowski	1162	2 James McCarty	742
4 Rich Bader	378	4 James Alderson	532

RED BICOLOR	PTS	H/B BLUE CLASS	PTS
1 Bev Richmond	2226	1 M & D Lastella	1988
2 Ted Lobello & family	1666	2 Chester Miarka	1750
3 Bob Peterson	364	3 J & M Mackey	1064
4 T & P Allen	336	4 Leonard Buttafuocco	490

H/B PASTEL CLASS	PTS	SHORRTAIL CLASS	PTS
1 T & N Zielinski	2044	1 Jim Thale	4690
2 Anthony Sabatasso	1788	2 Don Saurers	1708
3 Darrell Johnson	882	3 J & V Wilson	1694
4 James Kolb	686	4 M & M Golimowski	364

FINAL STANDINGS.....

H/B AOC CLASS	PTS
1 Stephen Kwartler	4762
2 M & D Lastella	742
3 Leonard Buttafuoco	490
4 L & S Blaylock	462

SNAKESKIN CLASS	PTS
1 Rich Bader	3920
2 Frank Orteca	2884
3 T & P Allen	2590
4 M & D Lastella	1666

BLUE/GREEN FEMALE	PTS
1 S & B Miller	686
2 R & B Halverson	406
3 T & P Allen	196
4 Harold Bryant	126
4 Mark Miskka	126

BLACK FEMALE	PTS
1 J & V Wilson	882
2 D & R Rush	798
3 Reginald Day	98
4 Jerry Horton	84

H/B FEMALE	PTS
1 S & B Miller	994
2 James McCarty	672
3 E & W Cooney	378
4 Warren Burke	350

BREEDER FEMALE	PTS
1 Frank Barta	1638
2 J & V Wilson	1260
3 D & R Rush	672
4 Warren Burke	378
4 Rich Bader	378

GRAND OVERALL MALE	PTS
1 M & D Lastella	10010
2 Joe Smith	4465
3 J & V Wilson	3780
4 T & P Allen	3640
5 Stephen Kwartler	2975
6 Paul Gorski	2590
6 Bev Richmond	2590
8 Eugene Golimowski	2520
9 Jim Thale	2310
10 Charlie Zesch	2065

Congratulations to everyone who placed this year and let's all try to show more next year. If anyone has any discrepancies with their points, please contact me as soon as possible. See you all at the Annual.

Bill Orth

WHAT'S FOR SUPPER?

Subject: Brine Shrimp

Home Raised Adult Brine Shrimp

by George McCroskey

I suppose one could classify this article as a "sequel" to the one on the origins of the brine shrimp. To be entirely truthful, over the years I have noticed it takes a really dedicated fish breeder to go to the extra trouble to get a really 'live' food. In these days of freeze dried and other exotic fish foods most say are just as good anyway. To me, this can be a fallacy all by itself as some odd troubles can develop when foods other than the more natural live foods are used--at least as an occasional feeding. One example came to mind that happened to a friend. It was reported to me that a lady had a lot of strange animals appearing in her tanks that were eating baby fish, causing some havoc among all the fish, and yet were unknown as what they were and where they came from as the hobbyist was only feeding dry and freeze dried foods---all in some quantity. After a long period of checking the answer was a bit odd, but apparently was the origins of the strange wild life. You see, most freeze dried, and a lot of sun-dried fish foods, originate over-seas and particularly, in tropical countries. This simply means that the live wild foods were collected by most anyone, were processed in sometimes primitive conditions, (even the freeze drying was not really carefully done) and the results were that insect larvae and eggs were NOT killed by the drying process. When they hit the warm water and light in home tanks they hatched. The results were obvious. I have even seen locally caught wild and live foods staying for long periods in guppy tanks (usually the one with gravel and plants) and successfully staying alive quite well. Something to think about.

Back to brine shrimp. When marine-salt water hobbyists came to be, the search began for some sort of live food that would be available, could be used in salt water, especially for long periods and yet be readily accepted by all marine fish. Fresh water live foods, even baby gold fish and "feeder type" common guppies all had built-in drawbacks. But, the experienced guppy people had solved this very problem some time ago, although the information as to how was not widely available. But the answer was not believed by the marine hobbyists for a good long time--until they became desperate when some of the less common, and terrifically expensive, sea water tropical fish could not be kept alive under "normal" conditions. I'll bet I passed along the methods, as I had adapted them, to dozens of people, including a couple of commercial marine-land kinds of endeavors. Eventually, some local enthusiast advertised for some time that he would sell a gallon bag of adult brine shrimp for \$1.50 and did so for some time. I called the man and he said he had obtained an old, wood, 5,000 gallon tank - had filled it with salt water and was raising brine shrimp. I never did hear how he made out in the long run. I had my own supply. All this is to show that it is quite possible and even profitable to obtain your own live food supply via the home-raised route.

If my memory serves me right, some years ago it was possible to buy live adult brine shrimp from some of the larger companies. I assume these were shipped by air freight just as live fish are today. I know I did see several sorts of live foods in the larger shops being sold by the portion--which is still probably being done. Whether the subject animals were from local producers or from the ponds of commercial firms, I really have no idea.

Now to the basics of raising your own brine shrimp. There are several "musts" in order to be successful in this but these can be a bit simplified to the rule as to how much shrimp you would like. Which, of course, depends on the amount of fish you plan on feeding and how heavy you wish to use live foods. Let no one become immediately discouraged as to how this is done because it can be done inside OR outside, and with simple equipment and little space. Remember - a few live adult

(as opposed to new-hatched shrimp from eggs) brine shrimp may be exactly what you have been lacking to give that little bit of extra color to show fish, or to make that hard to mate female get into condition, even when all else has failed.

Naturally, to get started one must have some shrimp eggs and some sort of way to hatch them. Most any of the several kinds of eggs will work, but Utah eggs seem to be a bit easier for some reason. I would guess that the water you have to start with may make a big difference. I suggest that the softer your local water the more care you will have to take. Our water here is very hard and alkaline which gives problems in hatching the eggs but helps when you must make up a batch of propagation brine. Other directions to the contrary, there is nothing really too critical in raising brine shrimp once they are hatched. It would seem, from what I have observed over the years, once you get your first batch of shrimp growing well, the succeeding batches seem to adapt to each particular set of conditions and it gets easier and easier. The two main things that are the most important is feeding enough and not too much, plus heat (usually gotten with sunlight if you are outside). Naturally, in the wild, brine shrimp feed on salt-water algae, but like any domestic animal, artificial feeding gives more returns and quicker. And salt-water algae is not easy to get if you do not live near salt water. Directions for this later on.

For OUTSIDE brine shrimp propagation, I suggest the more water you can use, the better will be your results. But, as little as five gallons, in a suitable non-corroding container, will do the trick and still gives a small feeding of live food each day. At a guess, about a dozen mixed sizes caught out once a day will be about average. A shallow container works well, but you will be troubled with more evaporation, and quicker cooling, too quick and too much heating if in the hot sun. My best results were with plastic garbage cans, half buried in the ground in the backyard to even out the heating and cooling effects. However, a neighbor did as well with an old ten-gallon crock set in the shade of a tree. When later on I obtained a used bathtub, buried it in the ground and transferred to this, it worked so well, it is still there after 20 years--and still produces shrimp whenever I think to reseed it in the spring. It freezes solid in the winter which seems to do no harm, although snow and rain tends to dilute the brine content. I guess at the salt content and add ten pounds or so each spring, or whatever I have left from winter snow and ice thawing on the sidewalks.

Once you have a location in mind, whether inside or outside, you must get some sort of idea as to how much water your container will hold. While no great accuracy is necessary, it is a good idea to know the amount of water in gallons you will be playing with. When filling it one way is to use a 2½ gallon bucket and count the number it takes to transfer the water--from where ever it may come in your area. A smart trick is to use water from a ditch, pond or river as this will be exceptionally good in conditioning things. Treated tap water sometimes can take weeks to come to a point where new-hatched shrimp will live in it from the hatcher. Rain water, if one can get it conveniently, is also good - but if you decide to use a child's plastic wading pool, as one example, this can hold a lot of water. A 6 ft. one, five inches deep will hold from 100 to 150 gallons. Which means you have a lot of weight and a lot of salt to dissolve into it. A five foot bathtub will take 55 gallons. If all else fails, a shallow depression dug out of a level place and lined with heavy plastic film will also work for a couple of years. If you use this method a good idea is to line the edges of the pool with bricks or flat rocks to both hold the plastic film in place and to help prevent erosion from rain and usage. In fact, to do this with any container is a big advantage and will be a help when the ground is wet, or has grass growing to the edge. As most hobbyists know from past experience, water is heavy and allow for this by making a very firm base for your shrimp raising containers.

Once you have come this far, having your pool, pond or whatever ready - fill it using the method best suited to you as described above. Once you have the gallonage approximated you can start adding salt. All the standardized hatching directions are about correct, except the growing conditions needed are or can be a bit different. For one example, if you use Utah eggs, which calls for 10 tablespoons of salt per gallon, or San Francisco brand which recommends only 7 tablespoons, this amount must be transferred to pounds. You can use one of those salinometers, or hydrometers that indicate the salt content with a float. This should read between 1,010 and 1,020 although a little more or less will not effect results too much. It is the additional additives that are a bit critical. Besides salt, which can be most any kind, the cheapest rock salt is fine, some Epsom salts are needed. There is no hard and fast rules for this as they are additive that does a number of things. For one, they will soften hard water, they act as a "buffer" against certain possible water pollutants. According to my experiences, some waters need only a little, other raw water kinds can use a lot, comparatively speaking. I suggest you add about one tablespoon per gallon of water. Too much seems to do no harm, too little from the suggested amount will only take longer to make your water suitable for baby brine shrimp. To find out when your water is suitable can only be done by adding new hatched shrimp and checking it at daily intervals until there are no more shrimp to be seen OR you see them growing and active. I usually dip out a water sample in a clear glass jar, hold it to the light and compare it in size (if animals can be seen) to the originals. Read on to see what else must be done first before the addition of your babies.

To the growing containers, add enough common dirt or garden soil to make a two inch layer on the bottom. This will make the water muddy, which is natural. Next, if you can get it, add a double handful of animal manure. Any kind will work, but I use the dried cattle manure sold at garden supply stores. Sheep manure is very good, but hard to get. Poultry manure is also good and less is often enough. What the stuff does is start an algae growth in salt water relatively quickly. In inland areas this may take some time. The algae seen in fresh water tanks will not live in salt brine. Next, you can add about a pint of any chemical fertilizer with a high nitrogen content. The bag should show a high first number such as 20-5-5. I use the same stuff to grow grass on the lawn. All that is needed is about a pint per 50 gallons of water. This can be skipped if none is available; it is for hastening the algae growth. In lots of cases, especially when any water except tap water is used there is plenty of natural fertilizers. Your water will be very murky and muddy. Even if you do nothing more it will semi-clear in a few days. Don't worry, clear or not, shrimp will grow in it--providing everything else is right. The next step is to allow everything to set for about a week in full sunlight, longer if in part shade or the air temperature is below 70 degrees. A rough estimate as to the proper time to try the conditions is when a bit of green algae can be seen in the water, or on the walls of the container. Irregardless of whether there is any green to be seen or not, after one week drop in a batch of baby brine shrimp. Allow three days, making a check every day as to any live shrimp can be seen. If none can be seen allow everything to stay "as is" another three days. Try again. If you happen to be one of those who use new hatching solution often, dump in the used brine and any unhatched eggs. OR, just dust in a few eggs from the hatcher. This method alone can be a "fooler" especially if the growth container still has murky water. The BEST sign of all is when the solution clears. This almost always signals that you have live shrimp growing and consuming "what" causes the cloudiness. Once you have all the signs of growing and alive brine shrimp, you are on your way. The next step is artificial feeding and making maximum growth of your live foods supply.

Feeding Shrimp. To get the maximum growth rate of your live food, you must feed something. This can be troublesome until you learn how. Like any aquarium, too much will foul the water - too little and you will starve baby shrimp and have fewer to use. Adult brine shrimp will eat most anything available to them, baby shrimp can only eat foods small enough for them to handle. So here are some suggestions for you to try: Soy milk used for baby formulas, fine but expensive. Sold at most drug stores and supermarkets. Only synthetic formulas. Use NO dairy products. Use only enough to slightly cloud water. Soy Flour--can be obtained at health food stores. Comes in de-fatted or regular. A little goes a long way. Only dust water surface every second day or you can mix it into a paste with water, add in drops. Take it easy at first. Brewer's Yeast --If in granular form, dissolve in water to soften or pulverize in blender. Fresh or Dried Baker's Yeast - Must be dissolved in water first. Can be easily cultivated similar to sourdough baking cultures by adding yeast, flour and sugar together and keeping well covered. Feed as with plain yeast to the shrimp water. Wheat or other Grain Flours - Can be bought at health food stores. Feed dry and just enough to dust water only. There are some bean flours that will also work quite well. Algae and other green materials - You can feed pulverized green lawn grass taken from underneath a power lawnmower or any green growing materials if made fine and juicy. I have washed the underneath of my mower into a tub of water then fed "as is". It is readily eaten. In hurried moments just a stirring of the muddy bottom will quite often bring up enough algal and other eatables to feed the shrimp for another day.

Adult brine shrimp will usually be as large as three quarters of an inch. However, mixed sizes are usually the best bet and these you will have quite quickly once everything is going well. At 70 degrees or higher you will get full sized shrimp in about three weeks. In my case, in about three days to a week I can collect live foods. If you are one of those who will have limited amounts of growing shrimp I advise using a wide meshed net and only collecting the larger sizes. In a 50 gallon container - one hatcher seeded with a level teaspoon of eggs is plenty to keep a supply of about four tablespoons collected each day for at least a week. In my case, a new hatcher of baby shrimp were added each week, although there were always some shrimp left each time. Remember that growing shrimp once adapted to your growing conditions become very hardy. They will remain alive in your tanks of fish for as much as eight hours.

If all you have read so far is discouraging, let me give you some short-cut tips. If you want to try the quick method of getting adult shrimp, try this. Get a large container, such as one of those tall, twelve gallon plastic wastebaskets. Pitch in some dirt. Add about five or six cups of salt, a big pinch of Epsom salts, and then fill it with hot water to quickly dissolve the salt. If you can put it outside in the sun, let it set for two days. If it is inside - put under a light, drop in an airstone, lightly working, leave alone for a few days. Hatch out as many shrimp eggs as you can manage, and add some to the container. Allow to stand for 24 hours and check to see if you have live shrimp at daily intervals. Feed your shrimp as soon as you can see them. Most important, DO NOT OVER-FEED. Shrimp only eat the food that is either suspended or floating. Ten gallons of water can only handle a small pinch every other day. Once you have large shrimp, you can feed every day just enough to slightly cloud the water in the vicinity of where you add the food.

from John Mackey

Michigan Guppy Breeders

Back in the Dec. 1977-Jan. 1978 issue of "Aquascope", a bi-monthly newsletter put out by Golden State Aquatics, they published an article on "Topless Brine Shrimp". It was also reprinted in the April 1978 issue of the IFGA. It was as follows:

TOPLESS BRINE SHRIMP

by Midge Hill

Sound too good to be true? The revolutionary new "topless" brine shrimp method makes it all happen! It's a simple, harmless and just about foolproof way of getting the maximum mileage from brine shrimp eggs. The "topless" method uses a chlorination process to strip the hard shell from the brine shrimp egg and dissolves away also any empty egg shells that may be present in the egg supply.

After the treatment, the denuded "Topless" brine shrimp eggs are hatched in the regular way in the hatcher. Not only do more of the shrimp tend to hatch, but even those that do not hatch are usable as food because they are no longer encased in undigestible hard shells! Fish relish them as they would any fish egg. Harvesting is a snap compared to the old methods. Now, instead of having to wait while the hatcher settles then trying to draw off the hatched shrimp without also getting unhatched eggs and empty egg shells, all you do is shut off the aeration and immediately pour the contents of the hatcher through a brine shrimp net, rinse and feed. The contents of the hatcher are 100% edible because there is nothing there except live hatched shrimp and edible unhatched eggs. It's fantastic to see the first time you try it.

The "topless" brine shrimp method has been used and tested by a number of major hatcheries, aquaculturalists and individuals. It is quickly obvious that this method is a terrific boon to hatching the vital brine shrimp, but the next question was 'what effect would the new process have on the aquatic creatures fed on the brine shrimp or the denuded eggs?' Happily, the feeding tests have so far shown no ill effects..fish thrive on both the hatched shrimp and the unhatched eggs denuded by this process. We have been working with this method for several months and are really excited about the results. We have tried several variables and have come up with the following formula that works well on all kinds of brine shrimp eggs..even the duds that wouldn't hatch! Although the duds still may not hatch well, at least the denuded eggs are salvagable as food instead of remaining just as expensive waste. If you want to have some fun and an amazing brine shrimp hatch,,give the following method a try.

1. Add 1 tsp. of brine shrimp eggs to 3 oz. fresh water.
2. Let soak for 1 hour. Keep in motion by occasionally stirring or by aeration with an air bubbler or air stone so that the eggs will absorb the water evenly on all surfaces.
3. At the end of the hour add 2 oz. liquid chlorine (Clorox or Purex works fine). Stir continuously for 3-5 minutes. The color will change from brown to orange-pink right before your eyes as the hard egg shells are dissolved away, leaving a mass of brine shrimp cysts each encased in a clear membrane. Although it is not recommended that you leave the eggs in the chlorine mixture for over 5 minutes, we went as high as 20 minutes without damage to the cysts.
4. At the end of 5 minutes, pour the mixture through a fine brine shrimp net. Rinse the contents of the net thoroughly with fresh water then dip the net and contents into 1 cup fresh water to which 1 Tbsp. vinegar has been added to neutralize any remaining chlorine. Rinse again.
5. Add the denuded "topless" brine shrimp eggs in the net to the standard hatching solution for the type of eggs being used. Add the normal aeration and run the hatcher in good lighting for 24-28 hours at about 82 degrees.

WHAT'S FOR SUPPER?.....

Hatching Mediums:

For Canadian brine shrimp eggs, the following newly improved formula produces an even better hatch than formerly. The specific gravity of the mixture should be between 1.002 and 1.005. The formula gives a specific gravity of 1.004 in our water, but it would be well to check your own solution with a hydrometer because the eggs do not hatch as well at higher salinities.

1 gal. water	3 drops Golden State Aquatics Hatching Catalyst
2 tsp. sodium sulfate	
2 tsp. sodium chloride	1 tsp. brine shrimp eggs (regular or "topless")

For California or Aquarium Products brine shrimp eggs we recommend the following hatching formula:

4 tbsp. sodium sulfate	3 drops Golden State Hatching Catalyst
2 tbsp. sodium chloride	1 tsp. brine shrimp eggs (regular or "topless")
1 tbsp. epsom salts	1 gallon water

The next issue of "Aquascope" had a follow-up on topless brine shrimp which was as follows:

"Since our article in Aquascope No. 12 on the "Topless" brine shrimp method of dissolving the hard outer shells off before hatching brine shrimp eggs, we have had a great many enthusiastic reports from hobbyists delighted by the saving of time and money. We have also received reports that for some reason some people can't seem to make it work. At least one of the failures was found to be due to exposing the denuded eggs to sunlight. The unhatched eggs seem to be extremely sensitive to ultra violet light once their protective shells have been removed and viability rapidly deteriorates if exposed to sunlight for even a short period of time prior to hatching, according to Bob Maxwell, producer of All Day brand brine shrimp eggs, who has been doing considerable research on brine shrimp hatching, including the "topless" method. Interested hobbyists have also come up with some very good questions.

1. Is it worth it? ask Gary Jepsen, in an article in "Live Bearers" No. 38. He concluded that there is not enough increase in hatchability to make all the fuss and bother worthwhile. That's up to him of course, but somehow I think he has missed the main point. If all you are looking for is a dramatic improvement in hatch from eggs that are already producing decent hatches using standard methods, then the "topless" method probably is not for you. The biggest plus-factor for the "topless" method is that the eggs that do not hatch are not wasted, they can be fed right along with the hatched shrimp, making your harvest 100% edible. Even the best of brine shrimp eggs have some expensive waste, and the poorer the hatchability of the eggs you are using the more valuable becomes the saving in waste and time.

2. "If the 'topless' eggs are 100% edible, why bother to go through the hatching process?" This question has been raised by many people including Joanne Norton in her editor's note in the same issue of "Livebearers". This is indeed a good question and one I hop all of you who try the "topless" method will help answer by reporting your results. In my experiments I stripped the shells from a can of eggs that were so poor that the hatch was close to zero by any method I tried. At least half of the volume disappeared during the chlorination process indicating that there were a lot of empty shells packed in with the eggs. The remaining denuded eggs were a good bright orange color and looked normal under the microscope, but try as I might I still could not get many of them to hatch, so I decided to quit trying and just feed them as is. The eggs were stored in a saturated brine solution and each day for 6 weeks I measured out enough eggs to feed certain of my tanks, rinsed them under running water in a brine shrimp net, emptied the net into a container of fresh water and fed them to the fish with a baster in just slightly less amounts than I would have fed live baby brine shrimp. The fish ate them enthusiastically and continued picking away at the eggs on the bottom until all were gone.

WHAT'S FOR SUPPER?.....

Fry raised during these 6 weeks on the unhatched denuded eggs showed the same growth as fry that received live brine shrimp, and showed considerably better growth than fry that received no brine shrimp of any kind. Even though the unhatched eggs seemed to work just as well as the hatched brine shrimp I still feel that hatching them is worthwhile. Live shrimp give fish the "thrill of the chase". Live shrimp live for awhile in the aquarium whereas unhatched eggs have to be fed more carefully as they begin to deteriorate sooner (although no worse than frozen brine shrimp do). But feeding the unhatched denuded eggs is a great alternative to salvage food value from expensive eggs that won't hatch well.

3. Is there any way to store "topless" eggs so that more can be treated at one time and held for later usage? Denuded eggs can be safely stored for future use by emersing them in a saturated brine solution. They will not hatch in the saturated brine and I have kept them for as long as six months with no loss in viability. They can also be soaked for an hour in saturated brine after the denuding process, then drained and frozen in handy portions in the freezer. They will keep indefinitely this way. But be careful when denuding large batches of eggs at one time. The oxidation process creates heat, which must not be allowed to go above 40 degrees C (104 degrees F). Add ice, if necessary, to keep the temperature below that level, or viability will be lost.

4. Do fish digest the unhatched denuded eggs or do they pass through the fish undigested? Because even live brine shrimp will pass right through a fish undigested, it is usually recommended that brine shrimp be fed following a feeding of dry or paste food so that the brine shrimp are retained long enough to be digested. Although we are not equipped to make elaborate analyses of fish digestion, I can say that the unhatched eggs do not appear in the feces, indicating that they have been broken down, presumably by digestion. Also, since the growth of fry fed on the unhatched eggs was equal to fry fed on live brine shrimp and better than fry receiving no brine shrimp, the fish must be getting some benefit from the unhatched eggs.

5. "Has anyone done accurate tests to find out the difference in percent hatch of "topless" eggs compared with untreated eggs?" Because increased hatches are not the main reason for using the "topless" method we didn't go into precision testing of the percentage of hatch. By crude volume the hatches are usually as good or better as the same eggs hatched by the standard method. They also tend to hatch out more quickly so that the maximum hatch was attained in less hatching time."

The next issue of "Aquascope", No. 14 had an article entitled "More Tricks With Brine Shrimp Eggs". It is as follows:

"Of those expensive brine shrimp eggs you bought, what percent are viable eggs and what percent are bad eggs or empty shells? Here's a simple test that will let you determine for yourself the quality of the eggs for which you spent good money.

METHOD: Fill your brine shrimp hatcher with 100% fresh water and 1 Tablespoon of brine shrimp eggs per gallon. Bubble aerate for three hours. When the aerator is turned off the viable eggs will sink to the bottom and the bad eggs/empty shells will float to the top. Compare the percentage of sinkers to floaters and you can see for yourself the quality of your present egg supply. If still in doubt, collect the floaters and set them up in a hatcher with normal hatching solution. Do likewise with the sinkers. The results of this hatching test should give you a very clear picture of how good your brine shrimp eggs really are. By repeating this experiment with several kinds of eggs, you'll be able to compare the hatchability versus price of the various kinds. Are you really getting somewhere..or just being taken?

REDUCING THE HATCHING TIME: In further experimentation we have found that the addition of six drops of chlorox to regular hatching mediums chops about 12-24 hours off the hatching time. Apparently the chlorox changes the ionic structure of the water so that the osmotic process necessary for hatching occurs more quickly. As the chlorox is thoroughly dissipated by the time the shrimp are harvested there is

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no worry about it affecting the fish fed on the shrimp. It also makes for cleaner hatches with less bacteria.

REDUCING HATCHING TIME STILL FURTHER: Want to hatch shrimp in 12 hours and thus save on the number of hatches being run simultaneously? If so, try the following method developed by Bob Maxwell of All Day Brine Shrimp Co:

METHOD: Formulate 1 gallon of brine shrimp eggs. (We suggest you first try the method with smaller amounts). Cover and store in the refrigerator. When ready to set up a hatch, just remove the appropriate quantity of eggs from the refrigerator container and add to a hatcher set up with fresh hatching solution. In 12 hours you should be ready to harvest. The eggs in the refrigerator should keep for at least 2 months. Although we have been very pleased with the results of our tests on this method, it still is in the experimental stages where further refinements and improvements are possible, so we hope you will share your results with us."

Editor's Note: The above portion (Pages 12, 13, 14) have all been reprints from Aquascope - the following are John Mackey's comments on this:

I've been denuding my shrimp ever since I first read these articles in Aquascope and I don't ever plan to quit this process. I've done a few things different since the original article and I would like to share these ideas.

I've tried every thing from 3 oz. to 8 oz. water and all work well as long as you use the same amount of bleach as water. I used to use 6 oz. of water and bleach but switched back to 4 oz. of each. Midge Hill stated that you have to keep the eggs in motion while soaking for 1 hour but that isn't necessary. I use lukewarm water in a quart jar and soak the eggs for at least two hours. I don't stir or mix at all during the two hours and they end up well soaked. I do almost exactly as she stated in Rule #3 except that I don't go beyond 5 minutes. I also don't use 1 Tbsp. vinegar as stated to neutralize any remaining bleach. I rinse my brine shrimp under lukewarm water for about 2 minutes and I've had no ill effects to my brine shrimp. Even if there is any trace of bleach left, it is dissipated before the eggs hatch.

I've discovered that the brand of bleach you use differs from one brand to another. You'll have to experiment with the various brands to find out which one works best for your area. I do know a few breeders who also add 3 to 6 drops of bleach to their standard hatching procedure. Somehow it increases the hatches where under normal circumstances, they get a poor hatch. Remember, the plus feature of "topless" is that you can feed your guppies the entire hatch; both hatched eggs and unhatched eggs. Try it, you might like it, I did.

~~~~~

from Bryan Timmerman  
Corresponding Member -  
Waterloo, Iowa

Brine shrimp are probably one of the most used forms of food in all of the aquarium hobby and no wonder when one takes into consideration all of the many forms of brine shrimp you can buy to feed your fish. It is so easy to see why they are used so much. Despite it's name, the brine shrimp is not a true shrimp at all, but a member of a primitive order of crustaceans known as Anostracans.

If it were not for the brine shrimps ability to lay eggs which are encased in hard cysts that can stand wide fluctuations in temperature, because they can lose and regain almost all of their intracellular water (which means they can be stored and hatched into live food whenever needed) we would not today see the great success we do in spawning and rearing many kinds of fish. And this is probably the form of brine shrimp that us guppy breeders use the most and the one that gives fish breeders the world over the most trouble. I mean how much can go wrong in the feeding of

WHAT'S FOR SUPPER?.....

frozen shrimp unless your power goes off and it thaws and spoils? To people who have had a lot of experience in hatching live baby brine shrimp getting a good hatch may not seem like all that much trouble. But to the novice getting the most out of every little egg in that big expensive can may lead to frustration.

I think it is important to say now that the advice I am about to give pertains to the Utah eggs such as Sanders. These are the only eggs I use because I have had such good luck with them. Now for hatching the brine shrimp - the proper equipment is as follows:

1. Gallon Hatching Jars - The kind you make sun tea in work best.
2. A good Air Supply - Some may tap into the lines they use for their tanks, but I don't. I use an Apollo 5 airpump for every 2 gallon jars of shrimp.
3. Rigid and Regular Air Tubing
4. A portable Work Light - The kind that has a hook on one end.
5. Canning Salt - The kind that is just plain salt, nothing added.
6. Baking Soda and Novaqua.

It is important to remember that these eggs are harvested from alkaline water with a pH of about 8. This is where the baking soda comes in. For our water here in northeast Iowa with a pH from 7-7.2 I add  $\frac{1}{2}$  tsp. baking soda per gallon. Now take your jar and fill it full of water straight from the tap at about 78 degrees, put in your  $\frac{1}{2}$  tsp. baking soda and stir until dissolved. Then put in 3-4 drops of Novaqua per gallon - then add your salt at the rate of 4 heaping Tablespoons per gallon - Stir well.

Take your rigid air tubing and cut a piece long enough to reach the bottom of the jar plus a couple of inches to allow it to sit in the jar by itself and be above the waterline. Then take your regular tubing and connect one end to the rigid and the other to an air valve. Take another piece and connect to the air valve and pump. The Apollo 5 pump will provide enough air for 2 gallon jars of shrimp and keep all the eggs in motion - as any eggs laying on the bottom will not hatch.

Now add your eggs - I use 2 tsp. per gallon - this will give you a good amount of live brine. Now take your shop light and hook it on to the jar. First place a piece of foil just wide enough for the light to rest on where it touches the jars to keep it from getting too hot as I use a 100 watt bulb in the light. This resting on uncovered glass a long period of time could break the glass. This light will brighten up to 4 gallon jars of shrimp set in a straight row and will give you a much better hatch then if they had been in the dark. This brine shrimp hatchery should be set up in a heated part of your fishroom, to keep the eggs as close to 78 degrees as possible. A tip for you people with backyards and plug ins outside is to hatch your shrimp out there in the summer. The warm temperatures and natural sunlight add up to a great hatch. After they hatch they can be brought into the fishroom for ease of feeding. If you do hatch your shrimp outside be sure to cover the tops of the jars with foil to keep out unwanted fumes, bugs, etc.

Allow 36 hours for the hatching process - this will make sure you get the best hatch. After that it is important to feed the larval shrimp to your fish as soon as possible. Research has shown the longer the shrimp are held the more nutritional value they lose. Don't reuse your hatching water after all of the shrimp have been used. The few cents you may save are not worth the risk of disease for your fish or the likelihood that the other hatches can be poisoned off by the increasing levels of metabolic waste and bacterial pollution. You should keep the can of eggs that you are currently using in the freezer to make certain that no moisture gets to your eggs because if this happens they won't hatch well - if at all.

Also make certain to rinse the live shrimp off in fresh-water of about the same temperature as your tanks to provide as little shock as possible to the shrimp to allow the uneaten ones to live as long as possible to provide live food for your fish all day long. The number of brine shrimp feedings per day is up to you. I feed brine shrimp twice per day - once at 6:30 A.M. and again at 6:30 P.M. As brine shrimp acts like a laxative to fish I always give my fish a dry food feeding half an hour before the shrimp go through the fish allowing them to get as much as possible out of every little shrimp they eat. With the cost of shrimp eggs ever increasing and becoming harder to get we all need to get as much as possible out of every little egg in that big expensive can.

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NEXT MONTH'S WHAT'S FOR SUPPER? - Infusoria

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# IMPORTANT NOTICE!

Corrections to Gateway Show Rules:

1. Please add the Snakeskin Varigated Class to the Tank Classes.
2. The outlying highway on the map should be I-270 not I210. We plan to send a brochure from Holiday Inn to everyone that makes a reservation. This also contains a map of the area.
3. Eberett Gold's address (under Shipped In Entries section) should read - 9460 Harold Drive.

My apologies to Gateway for so many goofs!!

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ATTENTION!!

ATTENTION!!

ATTENTION!!

The Northeastern Indiana Fancy Guppy Association would like to sell their supply of 1/2 gallon glass bowls. They have 600 of these drum bowls and are asking 50¢ each for them. These will be sold in any amount desired. Please contact the following for more information:

Ron Yater

126 Kevin Drive

Zionsville, Indiana 46077

Phone: (317) 873-6617

Ted Archbold

9775 North 100 East

Ossian, Indiana 46777

Phone: (219) 622-4545

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TOPIC OF THE MONTH - Winterizing the fishroom.

Answer

from Warren Burke

Big Apple Guppy Club

A caution should be taken for the winter season. First of all - heating the area where your fish are located. There are several ways to accomodate this heating problem:

1. Install a city gas unit with a flue and filter.

2. Wall base radiator system that is installed with your hot-water line.

Run this line across your bottom portion of your wall base - this is not that expensive. You must chose the area in which you would install either of these two and not overheat your home. These two systems are for a large set up of 50 tanks or more.

TOPIC OF THE MONTH.....

I for one would never use inside heaters because you can never tell when the thermostat will fail and cook your fish, or visa versa - plus it's very expensive on your electric bill. Check for drafts and check for good insulation in the area where your fish are located. Take all extra precautions so you won't be sorry later. Proper insulation will be in your favor two ways - your fish will be warm in the winter and cool in the summer. With either of these two systems your bottom temperature on the lower rack will be about 74 degrees; your center rack will maintain the temperature of 76-77 degrees and your top rack will be steady at 80 degrees for your younger fish. I, myself, have no problem in keeping my temperatures at the right point.

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Answer

from Peter Tedesco

Fancy Finney Friends

Proper Insulation: My fishroom is a garage attached to the house which I can enter through the basement. I had an old fashioned space heater with no thermostat controls. Then I purchased an up-to-date one from Sears which has a fan to circulate the warm air and a thermostat. This I've had for about 4 years. One night my heat went out, pilot light and all. The next morning as I went down to feed my fish, I thought it was kind of cool. When I opened the burner door I saw that the pilot light was out. The temperature was still 70 degrees in the water. This happened two more times, always during the night. Why?

I asked a friend that works for a utility service and he told me that this has been known to happen. Usually in the lines outside of the house in gas pipes under ground in cold weather this can happen. He said that there is no way you can stop this. I'm just thankful that I had the foresight to properly insulate my fishroom.

At first I thought that maybe my room was too airtight. I have plenty of fresh air ventilation. Then I thought that the fan might be blowing out the pilot light. Wrong again. Maybe it might be the flue. It could be pushing back unburned exhaust fumes or that it was blocked up. Everything checked out OK. One thing I did was just to lower the thermostat setting one degree lower. This way I will have a steady flow of gas and not have the burner going full blast. So far this seems to be working fine. Again, let me stress that properly insulated fishrooms are a must. If this was not the case, I could have been completely wiped out. Also fortunately, my fish are accustomed to low temperatures. High temperatures are not healthy for fish as they seem to age faster.

One thing I have to correct in my fishroom. I must add a false wall in front of my garage door. No matter how good it is sealed off, I still get a cool flow of air along the floor. This is bad for my tanks on the floor but was not the cause of my burn out. So be very cautious and be sure to insure the safety of your home as well as the safety and health of your fish.

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THE OLYMPIC GUPPY

by Roland Young

Austrian Guppy Association

That Guppy-Highbreeding is going to become an Olympic Discipline is not so - but I want to make you aware of one Olympic phenomenon. As everybody knows the highest score at many creative sports like gymnastics and figure skating is the "10.0". Never before was this ten points reached so often than at the 1984 Olympic Games.



# THE OLYMPIC GUPPY.....

Now, how do such decisions come about? First, the sportmen are demonstrating nearly superhuman performances and second, and this seems to me to be more important, the judges accept and take into consideration also the efforts standing behind the performances, the eagerness in training and the will of the sportsman. All this cannot easily be packed into points but it can be taken into account. This simple, but good trick is called in the technical language "positive judging", and it can mainly be reduced to the fact that the negative aspects are not searched piece by piece, but, in contrary, the positive aspects are placed in the foreground.

In case of unclearness the principle of the jurists will be applied: "In case of doubt in favor of the defendant". However, the relationship of judge-breeder is not the same as the judge-defendant relation! Eventually even good judges cannot very well reproach the defendant that they themselves could have done it better... Now, what have we as judges or more often as competitors got to do with it? The IHS'81 and most other rules for judging operate with the "100" as the highest reachable score, 100 points which are intended to value fish. For judging fish, too often only 70 points are used which is not an optimal use of possibilities. Optimal use of possibilities? An example of daily life will illustrate this: A car will never speed with 100mph when always stepping on the brake. Physics show us that a thing can only move forward when being accelerated. Our mobile thing, Guppy High-breeding is no exception! We only can move it forward on motivating it and the people who practice this hobby with nearly professional dedication! Motivating with a positive, far-sighted judging!! 10 is such a beautiful number, so why shouldn't it be written on the judging card in the near future? A runner also won't come to the finish when marking time!

And what concerns the guppy as Olympic participants - Architecture has been Olympic discipline, painting will become one soon. So Guppy High-breeding has good chances, too. Till then we will need more world-wide exhibitors and international judges. Let us use them at the right time in the right way!

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## REPORT ON BREEDING TECHNIQUES OF THE GUPPY PART 6 - HALF BLACK PASTELS

Compiled by Maumee Valley  
Guppy Association  
(Not for reprint without  
permission of IFGA or MVGA)

We have contacted the top breeders of each color class and have compiled the following report. It is hoped that this information will be useful to all guppy breeders and especially to the novice to help him in the right direction. This and the following reports should give an insight on how the top breeders approach the breeding of their guppies. The way we can encourage new breeders is to give them a helping hand and to give them the advantage of our mistakes. For this issue we will report on the Half Black Pastels. If there is anything that you can add as fellow breeders please send it in. This report can always be added to. We wish to thank the following for their help with this report:

Vic Piteo - East Coast Guppy Assoc.  
Charles Mormino - Guppy Assoc. Greater Cleveland  
Cyprian Kvedar - Bristol, Connecticut  
Jamey Magnifico - Maumee Valley Guppy Assoc.  
Warren Burke - Big Apple Guppy Club

Question 1: Half Black Pastel Strains represented and their source.

1. Vic Piteo - Procured from a friend of Mr. David Levy of Florida approximately 15 years ago.
2. Charles Mormino - Purchased from Vic Piteo
3. Cyprian Kvedar - Mike Regent had an out-crossing which I bred to a strain that Frank Jamioł had. This constitutes my strain.

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# PART 6 - HALF BLACK PASTELS.....

Question 1. (cont.)

4. Jamey Magnifico - Strains are from Vic Piteo and Frank Jamioł

5. Warren Burke - My own pure strain.

\*\*\*\* Breeders 1 and 2 have the same strain while breeder 3 has a Jamioł strain. Breeder 4 has a combination of the two lines. Breeder 5 has a pure line.

## FEATURES OF THE STRAIN AS COMPARED TO AVERAGE:

| Strains                   | 1       | 2       | 3       | 4      | 5     |
|---------------------------|---------|---------|---------|--------|-------|
| Size                      | smaller | smaller | smaller | small  | large |
| Tail Width                | Aver    | wider   | smaller | aver.  | delta |
| Dorsal                    | better  | smaller | aver.   | large  | long  |
| Rate of Growth            | slower  | faster  | slower  | slow   | fair  |
| Rate Maturity             | slower  | earlier | slower  | slower | fast  |
| Fertility                 | aver.   | more    | aver.   | POOR   | good  |
| Cannibalism               | less    | less    | less    | more   | no    |
| Susceptibility to Disease | less    | more    | less    | more   | more  |

\*\*\*\* It should be noted that the Half Black Pastel is smaller than the average show fish with the exception of Breeder 5's line. As a whole they mature and grow slower than the average.

## BREEDING TRUE:

| Strains           | 1      | 2      | 3     | 4     | 5        |
|-------------------|--------|--------|-------|-------|----------|
| Time Kept Pure    | 15 yr. | 18 mo. | 5 yr. | 1 yr. | 3 gener. |
| Siblings          | 18 mo. | yes    | 1 yr. | 75%   |          |
| % Desired Color   | 80%    | 70%    | 98%   | 25%   | 80%      |
| % With Impurities | 20%    | 60%    | rare  | 72%   | 15%      |
| % Different Color | none   | 30%    | 2%    | 3%    | 10%      |

\*\*\*\* There is a high percent of the desired color with the exception of Breeder 4. The impurities average around 20%.

## BREEDING TO MAINTAIN THE COLOR

| Strains                  | 1         | 2    | 3      | 4    | 5  |
|--------------------------|-----------|------|--------|------|----|
| Inbreeding:              |           |      |        |      |    |
| Sibling Cross            | *         | yes* |        | yes* | *  |
| Father to Daughter       | use often |      | *      |      | no |
| Mother to Son            | no        |      |        |      | no |
| Line Breeding:           |           |      |        |      |    |
| No. of lines             | 2         |      | 2      | 2    | 3  |
| Crossed after No. Gener. | 3         |      | 2 or 3 | 3    | 3  |

- \*1. I use older males from older generation on to younger females - F-1 males to F-2 females.
- \*2. Line starts to deteriorate after 1 year.
- \*3. First cousins mainly.
- \*4. Brother to sister, Father to daughter of drops 1. Mother to son month apart.
- \*5. True pastel male to half black yellow female.

# PART 6 - HALF BLACK PASTELS.....

## EFFECTS ON COLORATION OF CHEMICALS, TRACE ELEMENTS, FOODS, ETC.

| Strains        | 1 | 2    | 3 | 4 | 5       |
|----------------|---|------|---|---|---------|
| Food           |   | none | * | * | variety |
| Chemicals      | * | none | * |   | none    |
| Trace elements |   |      | * |   | salt    |
| pH of water    |   | acid | * | * | 7.4     |

- \*1. Don't use anything
- \*3. Feeds newly hatched brine shrimp; Banseman's Flake and shrimp meal; trout pellets, frozen beef heart and calves liver; smelt. Chemicals - Salt occasionally. Trace elements - Vit. B-12 (water soluble)
- \*4. Foods-shrimp (freeze dried) gives them tail rot. pH of water - need frequent very small water changes.

## BREEDING SHOW FISH FROM THIS STRAIN

| Strains                                     | 1   | 2   | 3   | 4   | 5   |
|---------------------------------------------|-----|-----|-----|-----|-----|
| Same method as for main-taining this strain | yes | yes | yes | yes | *   |
| Controlled hybrids                          | no  |     | no  | no  | yes |
| Pure strains?                               | no  |     | yes | yes | two |
| Always the same two strains                 | no  |     | yes | yes | no  |

- \*5. Pastel male to half black yellow female.

## OUTCROSSING - THE EFFECTS ON COLOR

| Strains   | 1        | 2 | 3     | 4         | 5  |
|-----------|----------|---|-------|-----------|----|
| Blue      | good     |   |       | H/B AOC   | no |
| Green     | not good |   | works | Yellow Bi | no |
| Red       | no       |   |       | H/B AOC   | no |
| Multi     | no       |   |       |           | No |
| Snakeskin | no       |   | works |           | no |
| Other     |          |   | none  |           | *  |

- \*5. Only cross Half Black Pastel with Half Black Yellow.
- \*\*\*\* Breeder 1 has good luck outcrossing with blue and Breeder 3 has good outcrossing with green and snakeskin.

QUESTION 8: If all of the strains were lost except one lone male - what would you consider to be the best outcross to make to preserve the color?

1. To a half black green female. My male doesn't carry the half black body trait on the y chromosome. So I would lose this unless I used a half black female.
2. A half black or multi female.
3. Find some outstanding green females, breed them and pray.
4. Greens
5. Half black yellow female

\*\*\*\* Please note what the Breeder 1 states about his males not carrying the Half Black body trait on the y chromosome. This fact might save you a lot of work.

QUESTION 9: Goals - Picking breeders and fry expectations.

1. Goals - To get more body size and to get as light a caudal as possible and clean.
2. No. 1 - Size on males and No. 2 - Whiter tails.
3. To raise a well shaped body, caudal, dorsal half black pastel.
4. and 5. - No comments.

# PART 6 - HALF BLACK PASTELS.....

## SELECTING BREEDERS - MALES

| Strains      | 1         | 2      | 3         | 4 | 5            |
|--------------|-----------|--------|-----------|---|--------------|
| Body size    |           | large  | largest   |   | good         |
| Body shape   |           | stocky | uniform   |   | good         |
| Body color   | important | black  | 1/2 black |   | good         |
| Caudal size  | wide      | wide   | largest   |   | 60% spread   |
| Caudal shape |           | wide   | delta     |   | good         |
| Caudal color | clear     | white  | intense   |   | clean & pure |
| Dorsal size  | yes       | long   | long      |   | good         |
| Dorsal shape |           | flag   | thickest  |   | good         |
| Dorsal color | important | white  | match     |   | clean & pure |
| Other        |           |        |           |   | check size   |

\*\*\*\* Large bodies with good 1/2 black bodies. The caudal should be wide with clean intense white color. The dorsal should be long and match the caudal.

## SELECTING BREEDERS - FEMALES

| Strain       | 1         | 2              | 3       | 4 | 5      |
|--------------|-----------|----------------|---------|---|--------|
| C/R Ratio    | yes       |                |         |   | 1-1    |
| Body size    |           | med.           | short   |   | large  |
| Body color   | important | grey           |         |   | fair   |
| Body shape   |           | short          | uniform |   | good   |
| Caudal size  | important | wide           | large   |   | large  |
| Caudal shape | fan       |                | rounded |   | firm   |
| Caudal color | yes       | bluish         | pastel  |   | nice   |
| Dorsal size  |           |                | aver.   |   | good   |
| Dorsal shape |           |                | aver.   |   | good   |
| Dorsal color |           | same as caudal |         |   | clean  |
| Other        |           |                |         |   | active |

\*\*\*\* The caudal size, shape and color is important. The body shape should be short and stocky. The breeders have not given much attention to the dorsal.

## BREEDING AGES, SIZE OF LITTERS, RATIO OF MALES TO FEMALES

| Strains          | 1       | 2       | 3       | 4       | 5       |
|------------------|---------|---------|---------|---------|---------|
| Age bred M       | 4-6 mo. | 3-4 mo. | 4-6 mo. | 3-4 mo. | 3-4 mo. |
| Age bred F       | 3-4 mo. | 3 mo.   | 4-6 mo. | 3-6 mo. | 3-4 mo. |
| Ave. litter size | 30      | 25      | 30-100  | 25-30   | 30-60   |
| Ratio M/F        | 50/50   | 50/50   | 50/50   | 40/60   | 50/50   |

## GENETIC TRAITS BELIEVED CARRIED BY THE DIFFERENT SEXES

| Strains      | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|
| Body size    | F | F | F |   | B |
| Body shape   | F | M | M |   | B |
| Dorsal size  | M | F | M |   | B |
| Dorsal shape | M | M | M |   | B |
| Dorsal color | M | M | M |   | B |
| Caudal size  | B | F |   |   | B |
| Caudal width | M | F | M |   | B |
| Caudal color | M | M | M |   | B |

\*\*\*\* The majority feel that the female carries the body size and the male carries the dorsal shape and color of the caudal. Remember these are the opinions of the above breeders.



# PART 6 - HALF BLACK PASTELS.....

Question 13: Special problems with this strain.

1. Spots in caudal.
2. This strain - the male swims with tail downward and head up. Males have delicate tails.
3. If anything they tend to be small when mature as compared to other strains of multicolors, half blacks, etc.
5. None

## FAVORED ENVIRONMENTS FOR KEEPING THIS STRAIN

| Strains           | 1  | 2       | 3      | 4 | 5           |
|-------------------|----|---------|--------|---|-------------|
| Salt              | no |         | yes    |   | 1 tsp./gal. |
| Spec. diet        | no |         | varied |   | *           |
| Spec. environment | *  |         | no     |   | none        |
| Tank size         | *  | 10 gal. | *      |   | 5/10/15     |

- \*1. Special environment - Fish do well with plants in tanks.  
Tank size - 15 gallon with 8 males.
- \*3. Tank size - 2½ gallon, 10 gallon, 20 gallon long. Fry for 2½ gallons 3-6 months for 10 gallon, 6 month to adult for 20 long.
- \*5. Special diet - Brine shrimp, microworms, paste food, green vegetable

## COMMENTS:

1. I have two types of females in every batch - half black body females and clear body females. If I keep using half black females the black color will creep into the caudals of males after second generation. If I use clear body females, lose black intensity in young males bodies after second generation. So I use half black body females one generation and clear body females next generation. Maintains good black bodies and clear caudals on my males.
3. I do not outbreed as I maintain my strain by using first cousins both males and females mixed. I usually pick my best 3 or 4 month old male and breed to 2 or 3 of my best females. I keep them separated after about 6-8 weeks or sooner if I can get them sexed. I honestly do not do anything special with my strain (this is probably why they are smaller than most other breeders). I keep 30 tanks - 15 for 3/4 blacks and 15 for pastels.
5. I always check for intense color when they are young.

\*\*\*\* "Pop" Morgan stated at the Maumee Valley show that the first Half Black Pastel males were brought to this country from Germany. They were entered in an IFGA show. There were no females sent with these males, so the breeders here had to use them with females from other strains.

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## BADER'S BLOTTER

by Ann Bader

Since brine shrimp is perhaps the MAIN food used by most of our guppy breeders, I feel our What's For Supper? column is well worth the several pages we have devoted to it this month. Hope each of you will find something to help your feeding program. Next month is our Anniversary issue - watch for two contests, lots of pictures and we can still use "special" articles for this - Deadline October 15, 1984! Don't be left out of the fun - GET THOSE RESERVATIONS MADE FOR THE ANNUAL!!

## ACCREDITED IFGA JUDGES

Stan Shubel  
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Howell, MI 48843

Milford (Pop) Morgan  
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Colonie, N.J. 07067

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**INTERNATIONAL  
FANCY GUPPY  
Association**



**anniversary issue no. 3  
november 1984**



# International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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### OF THE

## INTERNATIONAL FANCY GUPPY ASSOCIATION

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### PUBLISHED MONTHLY

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Box 197

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NOVEMBER 1984

NO. 10

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### DEDICATED TO

Jamey & Julie Magnifico

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Before closing, I would like to offer a super-large "Thank You" to my fellow officers and committee chairpersons for their time, their effort and their dedication in keeping the I.F.G.A. at the top of the tropical fish hobby. Thanks also go out to the clubs which hosted shows in 1984; to the exhibitors, small and large alike, who supported the clubs/I.F.G.A. with their entries; to those of you who authored articles for our fine bulletin; and finally, to those of you who did their best to promote the guppy during the past year.

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## CORRECTIONS TO FINAL POINT STANDINGS 1984

from Bill Orth

RED BICOLOR

|                        |      |
|------------------------|------|
| 1 Bev Richmond         | 2226 |
| 2 Ted Lobello & family | 1666 |
| 3 Bob Peterson         | 364  |
| 4 T & P Allen          | 336  |
| 4 Jim Jirku            | 336  |

H/B AOC

|                    |      |
|--------------------|------|
| 1 Stephen Kwartler | 4762 |
| 2 M & D Lastella   | 742  |
| 3 R & A Albright   | 490  |
| 4 L & S Blaylock   | 462  |

GRAND OVERALL MALE

|                     |       |
|---------------------|-------|
| 1 M & D Lastella    | 10010 |
| 2 Joe Smith         | 4465  |
| 3 J & V Wilson      | 3780  |
| 4 T & P Allen       | 3640  |
| 5 Stephen Kwartler  | 2975  |
| 6 Eugene Golimowski | 2660  |
| 7 Paul Gorski       | 2590  |
| 7 Bev Richmond      | 2590  |
| 9 Jim Thale         | 2310  |
| 10 Charlie Zesch    | 2065  |

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1.

As judges we have several functions to perform. First of which is the correct usage of the standards when judging fish. No matter what our personal preferences are in regard to color or conformation we should be as fair and unbiased as possible.

Once in awhile a judge will not care for certain aspects of the standards, but as long as he doesn't allow this to cloud his judgement he can perform his duties very effectively. One judge, in particular, feels this way but I feel very comfortable with him judging my fish as I know he will do an honest and complete job. We all make mistakes, that is one of the reasons we have a three man/woman team. One problem that does arise is that one person, the head of a team, will tend to dominate the other two members. Under these conditions, if you as a team member strongly disagree with the placement of the fish, you may ask to call in another judge or senior judge for his or her opinion. I don't mean this should be done over a slight disagreement on allocation of points, as in this case a majority judgement would be adequate.

There have been judges who stated once I pass the tests I will judge the way I want and to heck with the standards. Thankfully they weren't around too long. I don't mean to cast aspersions on anyone as we all can have our off days when we are not functioning 100% efficiently. Some judges are weak on certain colors and they should either work extra hard to sharpen up or stay away from these classes. It is difficult to keep a high level of proficiency after being on your feet several hours judging (I guess that's why I sit down as often as I can). So those of you who bug out early - stay around and help - who knows, the extra tired judge may be working on your fish!!

Another thing a judge must be able to do is to explain why a fish won or didn't place at the completion of judging. Many times exhibitors are trying to learn what areas a fish is deficient in so that they may improve on the type of fish they enter. This is one of the benefits gained by attending shows - the opportunity to compare your fish against others in the same class and seek answers to means of improvement.

Occasionally, myself or other members of the board, will receive complaints on how a class was judged. And in some instances the complaint is valid. But once the card is turned in the fish cannot be rejudged which is proper according to the rules. In cases such as this all we can do is to point out the errors to the team that did the judging and suggest possible areas for improvement in future judging. It goes without saying you cannot go back in an hour and try to rejudge a class as colors may have changed considerably during this time. Or even at the time of judging a fish may not have come up off the bottom of the show container, but later may have displayed himself well. I would hope that such comments and suggestions are taken in the spirit in which they are given, namely to improve judging and not just to give somebody a hard time.

It is also our responsibility to keep abreast of any modifications or changes in the judging standards. Seminars provide an excellent opportunity for obtaining this information as well as working out any problems you may have.

As members of the judging board we have all the responsibility of a judge plus several extras. The judging board chairman has the same responsibility as any other committee member, in that he conducts the board meeting and reports to the Board of Directors at regular meetings. All members of the judging board have an equal say on any and all decisions made by the board. And may be considered as a senior judge in settling any problems that may arise during judging at a show. It should be remembered that the judging board can only offer their recommendations to the Board of Directors who will then vote on any changes to the standards or to the board

2.

itself, with the one exception that the board may reject an appointment to the board if there is not unanimous agreement among the board members as to qualification. We accept suggestions for improvements in the judging standards and methods of judging. All such are discussed at board meetings and acted upon.

Normally we conduct seminars at least twice a year. And while I personally feel they leave something to be desired in their present form, with more controlled conditions and available time they would be more effective. Basically the seminars are for the training of future judges and as a refresher course for all of us interested in judging guppies. Also, it is beneficial for exhibitors in that they may know what the judges are looking for. While it is required that we judge at least two shows per show season, it would be much better to attend as many as possible in order to judge a greater number of fish. I feel it is difficult for the average judge to remain sharp and to keep on top of things by only judging the required minimum of classes.

I think all of us would agree that one of the most important facets of our organization is the evenness and quality of the judging at the shows. And consider this of prime importance in keeping our organization in a healthy and viable state.

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#### SIZE Vs. COLOR

by Bill Orth  
Guppy Associates of  
Lafayette

After watching the judging at many recent shows, I have noticed a general tendency of many of our judges to lean towards smaller matching dorsal fish and not even take a second look at a larger fish with a dorsal mismatch. I would like to use this article to discuss this topic, with you the reader, keeping in mind that I am not taking any side in this debate. I would just like to point out a few areas in our judging system I feel some judges are overlooking.

Our most common comparison of size versus color has to do with two major strains of fish. One strain usually is of "Parrish" related stock, which is usually described as a large bodied fish with usually a light colored or striped dorsal. The second strain is what many people call a "Hutter" related strain, which could usually be described as a smaller bodied fish but usually has a matching colored dorsal. This competition comes about very often in several popular color classes - namely; Blues, Greens, Purples, and some Bi Color classes. Many times when these two types of fish come up against each other, judges are setting the Parrish fish down and not even looking at them. Somewhere along the line many judges have decided that if a fish doesn't have a matching dorsal it isn't a good fish. Naturally we all look for a big, good colored fish but, more often than not, we end up with one type of fish or the other.

As judges, maybe we should remind ourselves of one thing - "Size and Color are given EQUAL points in our judging system - One is Not More Important Than The Other!" If we, as judges, were to look at these two types of fish, one Parrish related with a light dorsal color and the other a Hutter fish with good dorsal but usually smaller in size, we might be surprised if we stopped long enough to honestly point these fish out. The dorsal has a total of 8 color points with 4 points going to density and 4 points to intensity (Stan's definition of intensity is "brightness" in a given area - in the judging book). If we take a "Hutter" blue or purple fish with a good matching dorsal the most we would probably give would be 6-7 points with 5 points being the norm for good color. The "Parrish" related fish having a

light dorsal color, naturally is not what we are looking for, but still usually is given a minimum of 1-2 points, with 2 points possibly being the norm. So, as you can see we usually have a spread of around 4 points in favor of the "Hutter" fish. Now we move into the size category and, in general, the Parrish fish body will be larger by 1-2 points (only 1/8 to 1/4 longer) and if the caudal were in the correct proportion (1 to 1 ratio) then you would also have a 1-2 point spread in favor of the Parrish fish. Dorsal size in most "Parrish" strains is also usually larger by at least 1 point. So, as you can see, a "Parrish" fish can easily pick up 4-5 points in the size category and pull back to equal.

Now, I suppose someone is saying to himself, "Yeah, but he looked at all size categories and he only looked at dorsal color". So let's look at the other color areas. In my opinion, most of the time, caudal color in either strain is usually good - that is - a good colored Parrish caudal is as good as a good colored Hutter caudal. Body color actually is an area where Parrish fish usually can pick up easily 1-2 points as they have much better body color, especially in the peduncle area. The other area where there can be a difference is in symmetry where you could say that a fish with matching dorsal and caudal has a more symmetrical color and you could give the Hutter fish the nod in points.

As you can see, very possibly, these two strains of fish are closer than many judges realize with the "Parrish" fish going into the symmetry category with possibly a lead in points of 1-2 but the "Hutter" fish catching up to pull even, with the breakdown possibly looking like this:

|              |   |         |    |
|--------------|---|---------|----|
| Body Size    | - | Parrish | +2 |
| Dorsal Size  | - | Parrish | +1 |
| Caudal Size  | - | Parrish | +2 |
| Body Color   | - | Parrish | +2 |
| Dorsal Color | - | Hutter  | +4 |
| Caudal Color | - | Hutter  | +1 |
| Symmetry     | - | Hutter  | +2 |

These are the main areas of difference between the two strains, and as you can see, they can come out pretty even.

As I said before, I am not taking any sides, but I do feel that "Parrish" fish are more competitive than many judges realize. Many judges look for matching dorsals and nothing else and they are wrong - you have to look at the complete fish. So I feel it is time we all slow down and give every entry an equal chance. We all want to get to the Hospitality room early but let's do it with a clear conscience knowing that all the fish got a fair shake.

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BACK TO SCHOOL? - BACK TO SCHOOL!

by Ann Bader  
Maumee Valley Guppy  
Association

It all started with a phone call from my sister. In my niece's 5th grade science class they were studying fish. The teacher had brought up the idea of bringing a guppy into the class room for further study of this subject. Naturally, my niece had offered that her Uncle Rich had lots of guppies and perhaps he would set up an aquarium for them. Without really stopping to think I told my sister, "Yes - and did she think the teacher would like a brief talk to the class on the guppy, too?" Needless to say, the teacher was delighted - I could have up to 1/2 hour to talk - there would be two classes to speak to (approximately 20 children in each class) - the day was set -



and immediately I started to panic!! What had I gotten myself into - me, who starts shaking just at the thought of speaking to a small group of people. I guess I hoped that Rich would pull me out of this jam I'd gotten myself into. Believe me - I wouldn't have been able to do it without him. Although he wouldn't go to school with me his help in preparing the whole thing was invaluable.

We had the weekend to get ready for the big day. Between the two of us we came up with a basic description of the guppy and the care of the aquarium, trying to keep it geared to 10 and 11 year olds. After several rehearsals, I came up with an 8 minute talk, which would probably be long enough as nervous as I was. Rich set everything up in the aquarium for me so all I had to do was add the water, plants and hook up the air supply and heater when I reached the school room. It was a 5 gallon aquarium and we felt 3 pair of guppies would be fine. The teacher had requested one pregnant female so the children could observe the life cycle of a fish.

The teacher had suggested that 11:30 AM would be a good time for me to set the aquarium up as this was lunchtime and recess for the students. My sister and I arrived with a 5 gallon water container, a completely equipped aquarium, fish food, a big box of guppies and various other things from our hobby. Rich and I had decided I would take 4 different color strains - Snakeskins, Blues, Reds and H/B Reds (borrowed from the McCarty's). We put a pair of each of these in a plastic TV tank and they were placed in each row of the class room, so the children would have a closer observation point during the discussion.

We set up the aquarium first so it would have time to be fully conditioned for the fish to be added after the class was over. As we opened the box, to place the TV tanks around the room, we were in for a surprise!! One of the females had started to drop her fry. Several of the children had returned to the class room from lunch and needless to say - recess was forgotten! The class room was soon crowded with not only students but some of the teachers. It was a fascinating experience for all of us and was the turning point in the day for me. From a simple sharing of this with the children I was completely at ease.

By 12:30 PM when it was time for the first class to begin everyone was excited to hear more about the guppy. After my brief talk the questions came fast and furious. They were also interested in the hobby - Rich's fishroom - the time went much too fast. By the time I left at 2:00 PM, "Momma" guppy had dropped about 30 babies - all of which the children decided would have to be named and many of them were hoping that their parents would allow them to bring home a guppy when the babies were a little older. One boy even had his picked out (the blue adult male we had taken).

The aquarium will be taken down before Christmas vacation starts - but in the short time they will have it in the class room I'm sure they will learn from it. A note I received from the teacher says that the babies are all named now and the children argue over who gets to feed them. I realize there will be no instant members for the I.F.G.A. in this little experience but just maybe a seed has been planted. I know I benefited in many ways from it. Perhaps it's an experience you too could enjoy in your child's class room.

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Happy Thanksgiving!  
5.

Looking back 26 years ago to August 6, 1958 when I started with guppies. I purchased two 10 gallon tanks from a pet shop in New York. My first strain of guppies was Reds and at that time I didn't know if they were delta or veil guppies, as this was my first adventure in guppy raising. I purchased the Reds from Mr. Hartung. At that time this was his main strain. I sure found out soon that two tanks weren't quite enough, so I purchased three more 10 gallon tanks (these were the old type of tank with stainless steel frames and slate bottoms). After my first spawn of fry I placed them into my second tank that had aged water for two weeks. Well, the fry grew quite quickly. They were fed on frozen brine shrimp since I didn't know anything about hatching brine shrimp eggs at that time. I also used frozen daphnia and worms along with staple flake food.

After I read the breeding information on culling and separating the sexes I had used up three of the tanks already with two tanks on hold with aged water. After 6 weeks the tanks were all used and I needed a larger area for more tanks. A neighbor was giving up on his fish and he gave me ten 5 1/2 gallon tanks which I used for breeders and for the fry. I felt very good to receive them at no cost. Well this was far from what I had expected - three of the 5 1/2 gallon tanks were loaded with fry and now I needed some larger tanks. So I purchased five more 10 gallons and three 20 gallons from the pet shop. Now my work was cut out for me. A vibrator pump wasn't quite enough to accommodate 19 tanks so I got two silent giant pumps. As the years went by I purchased my own home in another part of New York City Queens and was I delighted! I made a large rack 8 foot long and 10 in. wide to accommodate my tanks with 3 tiers on this rack. All in all I had 32 tanks at this time - but far from stopping at this point - I started going to all the auctions in my area to purchase more stock. Not just Reds but any true breeding strains I could get my hands on. I found out after building another rack 8 foot long and 10 foot wide that I purchased more tanks and established new color strains of Half Black Reds and 3/4 Blacks. Now I was on my way. I got a condi pump for \$100 dollars to accommodate 76 tanks which I felt was it - not so! I expanded again - this time I tore down the old racks and built better racks. The wood I used was 2X3 for uprights and 2X4 to hold the tanks. The setup was made in aisles and not against the walls. In my basement I have now a 25 foot area - two double back to back racks - three tiers deep and 10 foot across by 21 inches wide, in one area. I have another 8 foot long rack, three tiers high with a 5 foot walking aisle space between the two racks. Also 7 foot to the side I have built another rack 6 1/2 foot long for 5 1/2 gallon tanks. The two racks on the left side of my basement will accommodate 72 ten gallon tanks, with aisles on both sides for easy viewing of the fish. I have another rack 10 foot long for my 15 gallon tanks/20 gallon tanks. I have cut down on my tanks during the show season as it's very warm in the summer months. By November all my tanks will be full with aged water for a new season to begin. I operate a condi pump to give me enough surface air to accommodate all of the 116 tanks that I will have set up, as well as a large gas heater that hangs from the ceiling. I have taken pictures of my setup that appear in this anniversary issue.

I also want to wish all of our I.F.G.A. breeders a very successful breeding year for the coming 1985 season and let's show those guppies and make this coming 1985 season even greater yet. Quality guppy strains that you have bred this winter season. Remember - showing your guppies makes our I.F.G.A. season a stronger and more promising year. Breed now and please ship to our clubs abroad. The more breeders that get involved in shipping the stronger we get.

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EDITOR'S NOTE: As many of you know, Frank has devoted much time and effort to supplying clubs with computerized sets of books for some of the shows. There has been discussion on having a standardized set of codes for the classes in the shows. He has come up with the following codes taken from different clubs - please give this your consideration and perhaps it can be discussed further at the Annual.

|                     | DELTA | VEIL  | FEMALE | TANK  |
|---------------------|-------|-------|--------|-------|
| Red                 | RD    | RV    | RF     | RT    |
| Blue                | BD    | BV    |        | BT    |
| Green               | GD    | GV    | BGF    | GT    |
| Black               | BLKD  | BLKV  |        | BLKT  |
| Multi               | MD    | MV    |        | MT    |
| Half Black Red      | H/BRD | H/BRV | H/BRF  | H/BRT |
| Half Black Blue     | H/BBD | H/BBV |        | H/BBT |
| Half Black Pastel   | H/BPD | H/BPV |        | H/BPT |
| Half Black Yellow   | H/BYD | H/BYV |        | H/BYT |
| Half Black AOC      | H/BOD | H/BOV | H/BOF  | H/BOT |
| Purple              | PD    | PV    |        | PT    |
| Blue/Green Bi       | BGD   | BGV   |        | BGT   |
| Red Bi              | RBD   | RBV   |        | RBT   |
| AOC Bi              | ORD   | OBV   |        | OBT   |
| Snakeskin Solid     | SSD   | SSV   |        | SST   |
| Snakeskin Varigated | SVD   | SVV   |        | SVT   |
| Bronze              | BZD   | BZV   |        | BZT   |
| AOC                 | OD    | OV    | OF     | OT    |
| Gold                | GLD   | GLV   | GLF    | GLT   |
| Albino              | ALD   | ALV   | ALF    | ALT   |
| Novice              | ND    | NV    | NF     | NT    |
| Special Classes:    |       |       |        |       |
| Singlesword         | SWD   |       |        | SUDT  |
| Doublesword         | DWD   |       |        | DWDT  |
| Breeder Male        | BRM   |       |        |       |
| Breeder Female      | BRF   |       |        |       |

- Notes: 1.) Any special classes (Exp.  $\frac{1}{2}$  Pink Bodied, Any other shape) would have to be coded by the club having the show.  
 2.) Half-Black could be coded with or without "/".  
 3.) For any class that might be combined simply drop the "D" and "V" coding and add the letter "C".  
 4.) The letter "O" would always stand for AOC in any type of AOC class.  
 5.) Another possibility on coding the Half-Black classes would be to drop the "B" - for example: Half-Black Red Delta would be HRD.

The above are suggestions on simplifying the coding system.

December's Question of the Month - Do you think that the development of the guppy in the future will be towards "more color" or "more size"?

This question comes from Astrid Young of the Austrian Guppy club - let's have a good response from the breeders in the I.F.G.A. as to what your goals are in either of these areas.

## WHAT'S FOR SUPPER?

Subject - Infusoria

## How To Grow Infusoria

by Dr. Eugene C. Larr  
Reprint - Guppy Gazette  
May 1973

The next time you mow your lawn, or if you have a head of lettuce in your refrigerator, you have at hand the material to make just about the best food there is for very young guppies. I'm talking about infusoria. For some reason of other infusoria is not used as much as it used to be some years ago, and that's a pity-- for infusoria is better than fresh hatched brine shrimp for feeding baby guppies.

You can grow and harvest infusoria with a minimum of fuss-- using only grass clippings or chopped lettuce, tap water, sunlight, a shallow pan, and a medicine dropper. I'll give you an easy recipe for how to grow in a bit.

Infusoria is a general term used to cover various and sundry kinds of minute (protozoan) organisms which are found in decaying organic matter, stagnant water, etc. Only the largest of them are visible without the aid of a microscope, and this makes them just bite-sized for newborn fry. To a newborn guppy these minute free-swimming morsels look like a chocolate dipped bonbon would look to you. During that all-important first week of life, a baby guppy will stuff himself continuously on infusoria if it is available to him. I recommend that you feed both infusoria and fresh hatched baby brine shrimp to your guppies from the time they are born up until they are about three weeks of age. After three weeks, guppies are interested in larger food than infusoria. In addition to being an excellent food packaged in a perfect size for guppy fry, infusoria has another very important advantage. Because infusoria will live indefinitely in aquarium water, you will not pollute your tanks by overfeeding. At least you won't pollute your tanks by overfeeding infusoria. If any of you have had the bad luck to introduce dead brine shrimp into your tanks, or if you have so overfed that the brine shrimp died before eaten, you will appreciate the non-polluting characteristic of infusoria. Feeding infusoria will introduce algae into your fry tank. Algae has come to be a dirty word in a good part of the modern fish-keeping hobby. It shouldn't be, except perhaps in reference to tanks that are kept for mostly decorative reasons. Green water is good for fry and should not be eschewed.

RECIPE FOR CULTURING INFUSORIA - (If you are going to use lawn clippings they must first be dried in the sun.).

A half cup of chopped lettuce or dried grass clippings brought to a boil in one quart of tap water. Don't cook this-- just bring to a boil and remove from the burner. Let this mixture cool, pour into shallow pan or dish, and then set outside where it will be exposed to sunlight. Do not cover-- this mixture must also be exposed to the air. Placed outside, you should have infusoria after 24 hours. This infusoria culture can be left outside or brought indoors. But I must warn you that it will become very smelly, so maybe you better leave it outside. To produce continuing batches of infusoria, boil up the same quantity of dried grass clippings or chopped lettuce and tap water, let cool, and then add about  $\frac{1}{4}$  cup of liquid from an old smelly batch. (Exposure to sunlight is not necessary if you use a starter from an old culture.)

Concentrations of infusoria in your culture will appear as little wispy, cloudy-looking areas. Pull these up with a medicine dropper. Concentrating light at one side will attract the infusoria to one side. Feed whatever amounts you can get as often as you want. As I say, infusoria will live indefinitely in your fish tank, so you do not have to worry about pollution from this kind of live food.



# WHAT'S FOR SUPPER?.....

Nothing much of anything is gained by giving infusoria to guppies that are older than three weeks-- though nothing is lost either if you do not mind green tanks. But since most of you feed several times a day, your older fish would not be tempted by, nor would they be benefited by, food that comes in such small packages.

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## NEXT MONTH'S WHAT'S FOR SUPPER? - Other Types of Foods

This would be any item we have not covered since the article began in February.

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## SHOW SCHEDULE 1984

| CLUB                                   | SHOW DATE      | RESULTS   |
|----------------------------------------|----------------|-----------|
| Maumee Valley Guppy Association        | April 7-8      | May       |
| Pan Pacific Guppy Association          | April 21-22    | June      |
| Guppy Associates International Chicago | May 5-6        | June      |
| Canadian Guppy Club                    | May 19-20      | July      |
| Big Apple Guppy Group                  | June 2-3       | July      |
| South Jersey Guppy Group               | June 23-24     | July      |
| Guppy Associates of Milwaukee          | July 21-22     | September |
| Buckeye Fancy Guppy Club               | August 4-5     | September |
| East Coast Guppy Association           | August 25-26   | October   |
| Gateway Guppy Association              | November 2-3-4 |           |

Judging Seminars: Maumee Valley Guppy Association and Gateway Guppy Association  
Meetings: South Jersey Guppy Group and Gateway Guppy Association

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## LEAD POISONING

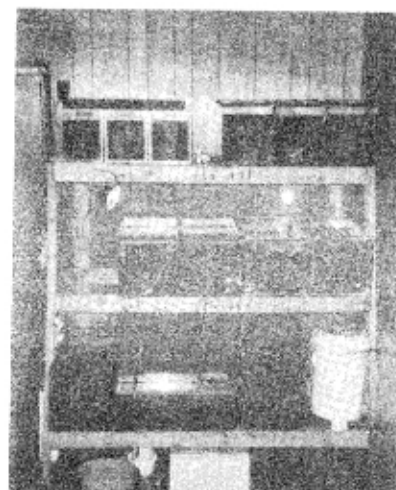
BY Warren Burke  
Big Apple Guppy Group

Be prepared for lead poisoning that may come from the ceiling paint in your fish-room. All ceiling paints contain lead - the vapor that is thrown off from your tanks can cause this problem. I know it has happened to me. For one thing, the vapor that is thrown off your tanks will sooner or later cause death in your fish. The first symptoms that occur is when the fish will remain on the top surface of your tanks. You may think that your fish are lacking in oxygen or that you became lax in water changing and have an ammonia problem. But the cause is probably lead poisoning!

This is fatal - the symptoms start with the fish gasping and then they will start to show red blotches on their scales and body. To play it safe purchase a clear plastic drop cloth or a large plastic covering and install the plastic over the ceiling area by using staples or small flat nails. Clear silicone will also work as well.

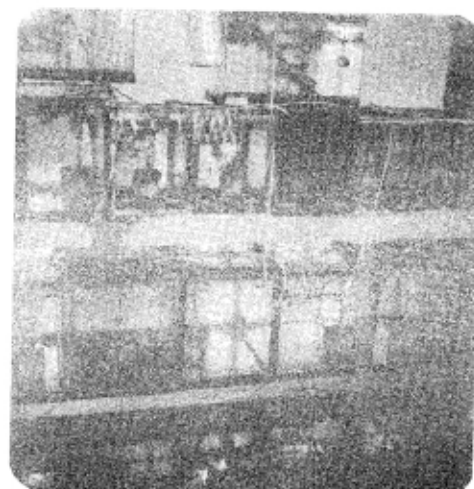
A few months ago an article was written about red spots occurring on fish and they lost all of these fish. Well this problem of lead poisoning may well have been the cause of this wipeout. Get your ceiling covered and prevent this before it gets started.

# Non-Habit Forming?



Year: 1974  
(12 TANKS)

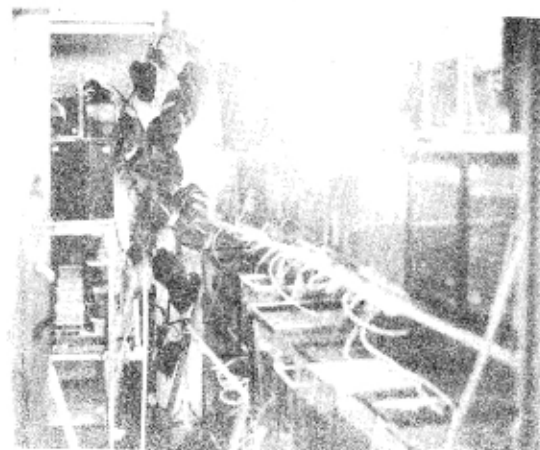
JAMEY & JULIE MAGNIFICO



Year: 1976  
(30 TANKS)



Year: 1978  
(45 TANKS)



Year: 1983 (125 TANKS)

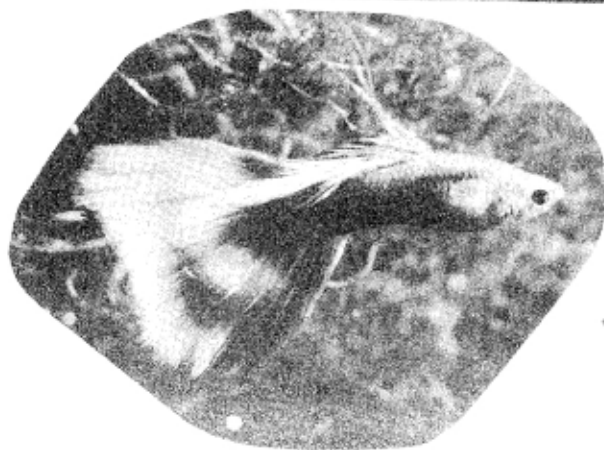
DON'T YOU BELIEVE IT FOR ONE SECOND!



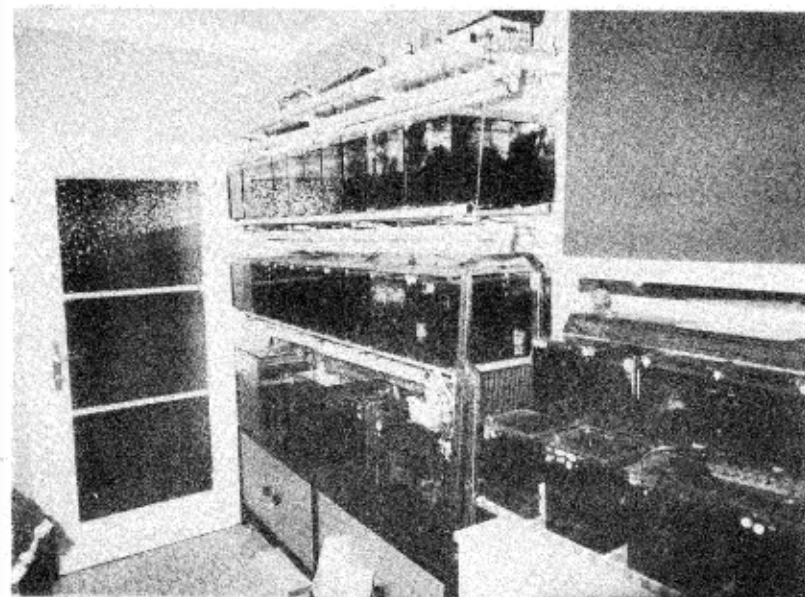


Don't worry we'll  
make them  
FIT!

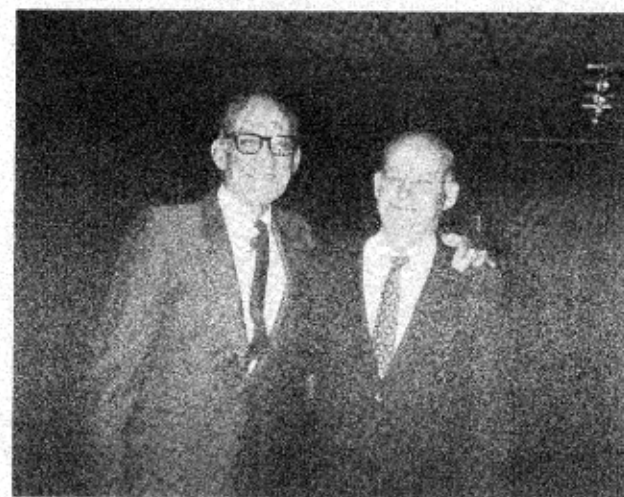
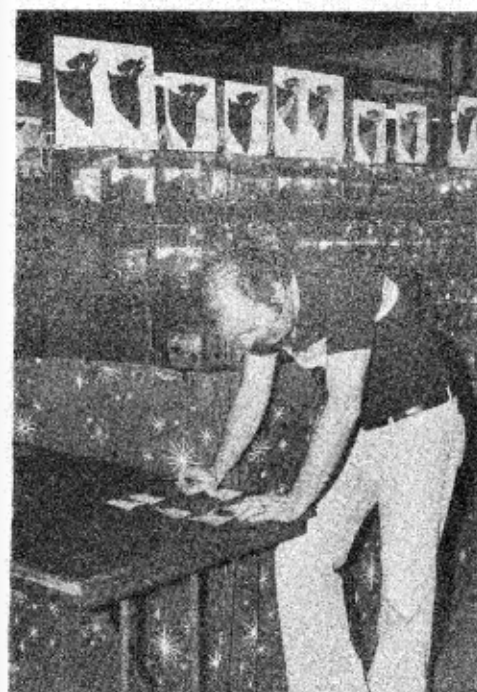
HEY DAD,  
WASN'T THAT  
your Best of  
show male  
that just swam  
by?....



YEP! It sure was!



Fishroom:  
Astrid Young  
Austria

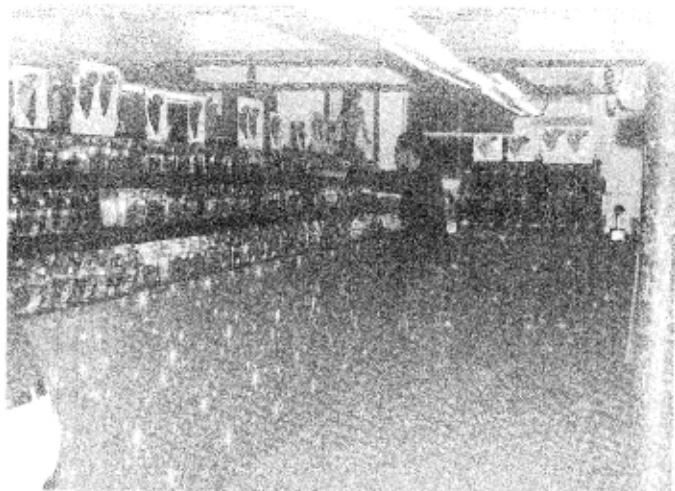


A RARE BREED!

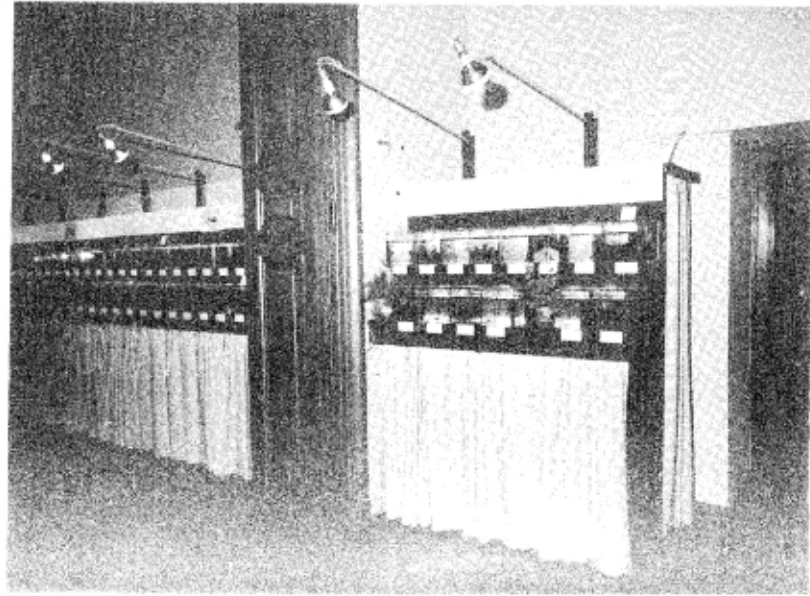
Looks good on Paper, but...



Exhibition:  
American  
style



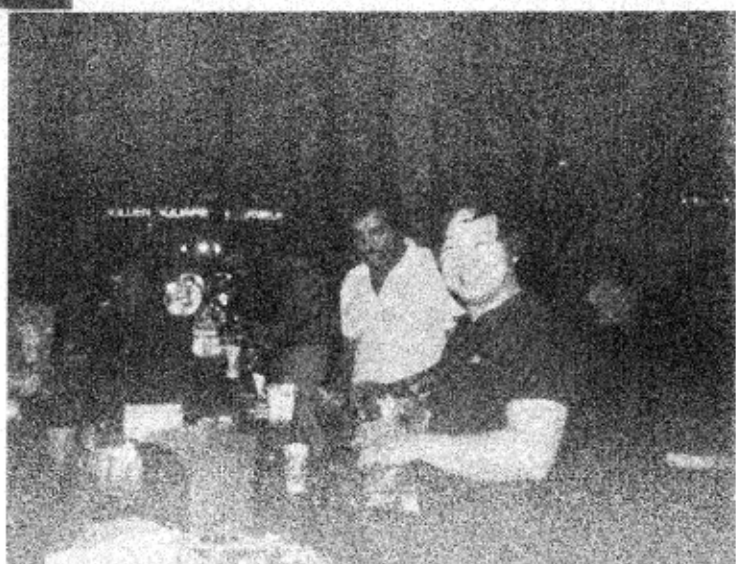
Exhibition:  
European  
style



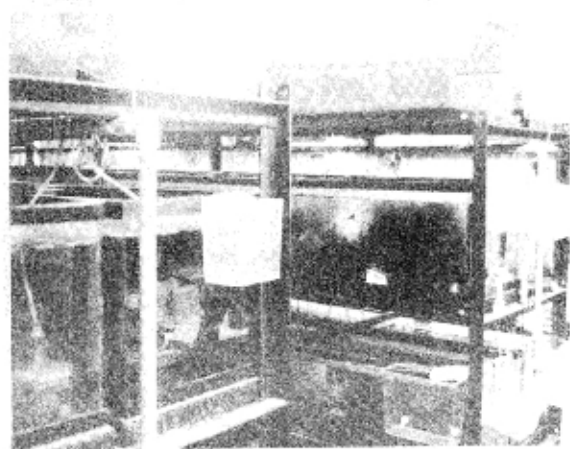
What A Pair?  
(Match)



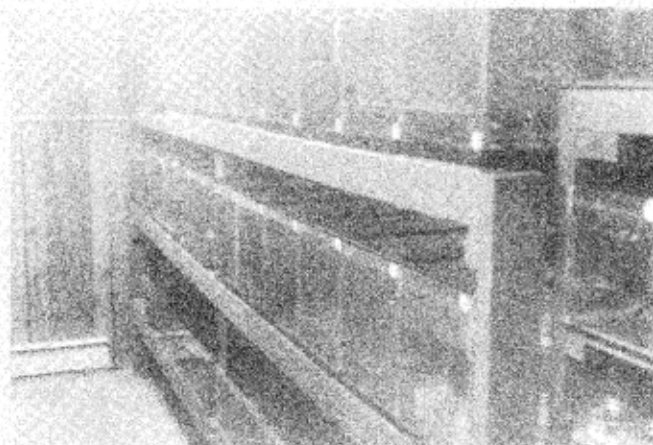
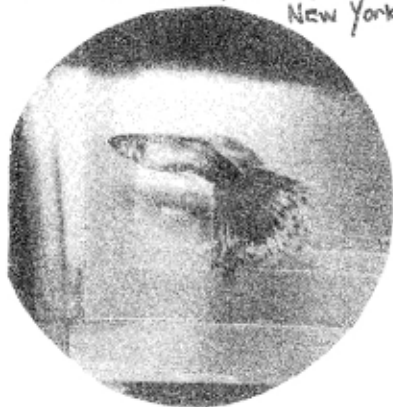
Nothing Like A  
RELAXING  
weekend!







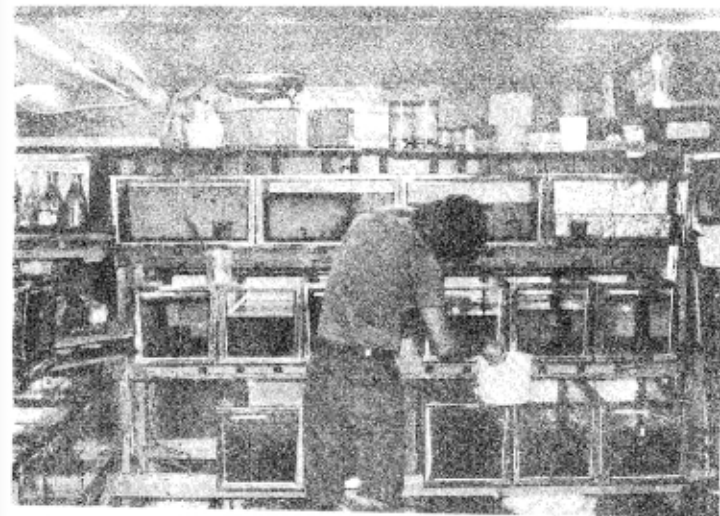
Fishroom: Mike & Doris Lastella  
New York



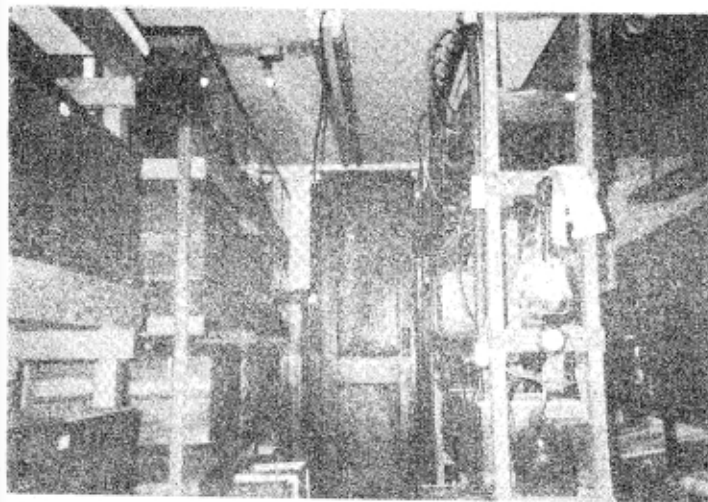
Fishroom:  
Roy Yater  
Indiana



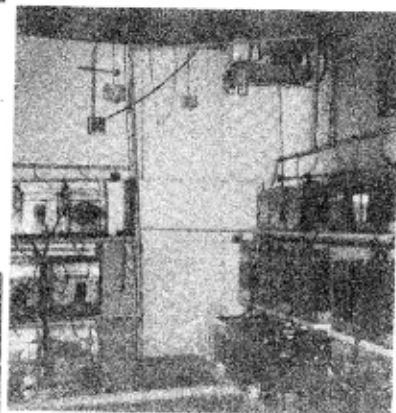
Fishroom:  
Harold & Ellen Armitage  
OHIO



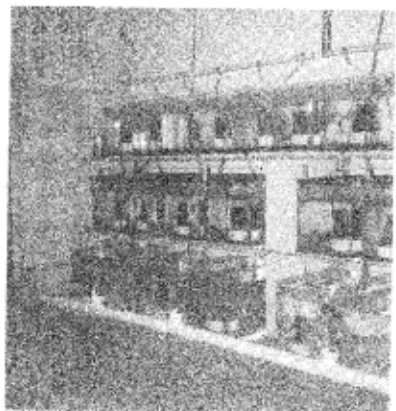
Fishroom:  
Steve Kwarther  
New York



Fishroom:  
Warren Burke  
New York



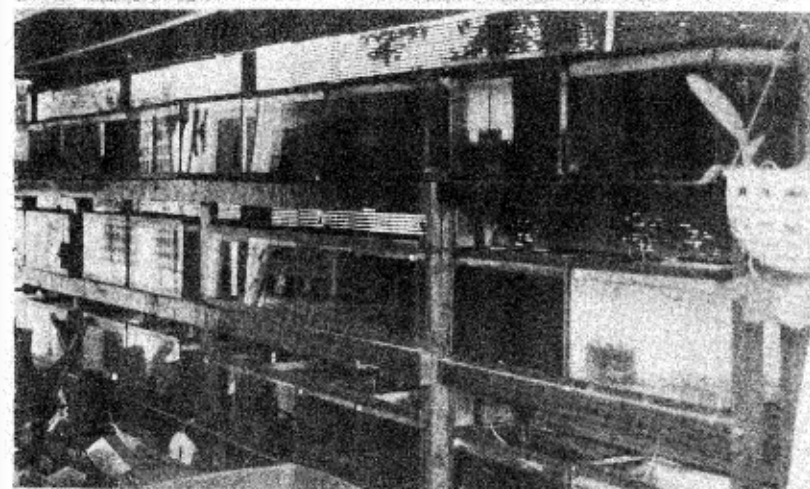
FISHROOM:  
Robert Van Dew Luwigdenberg  
Austria





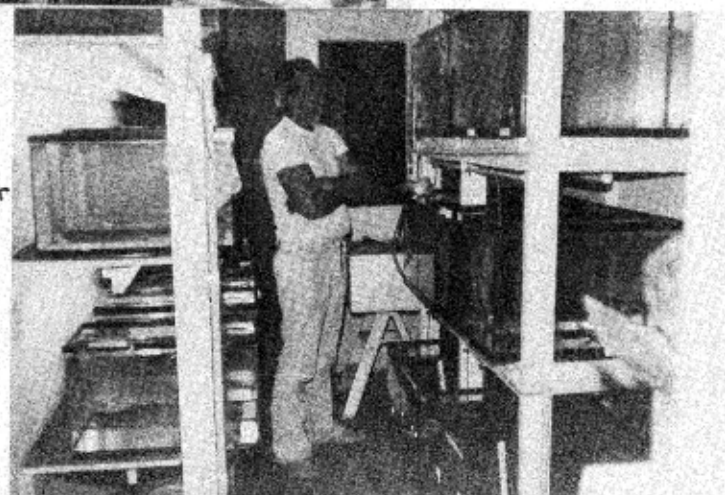


"?"



Fishroom:  
Yamil Bermudez  
Puerto Rico

Fishroom:  
Rich & Ann Bader  
OHIO



Fishroom:  
Joe & Jenny Smith  
Michigan



Fishroom:  
Paul Jacobs  
PENNSYLVANIA



What do you  
mean "is there  
a Judge in  
the house"?



"Someday"!

#### CORRECTION TO PHOTO SECTION:

Under the pictures of Robert Van Den Langenberg's fishroom - His address is: Green Bay, Wisconsin not Austria. Bob is a corresponding member.

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#### CONTESTS

Once again we will be giving two subscriptions to the IFGA bulletin to the winners of the following contests.

Contest 1. - This is for corresponding members ONLY. We need a caption for the picture with the question mark on Page 17. Entries must be received by December 15, 1984 and the winner will be named in the January/February issue of 1985.

Contest 2. - The past year has seen a flood of trivia games. Not to be outdone we have put together some trivia questions. This contest is for IFGA members ONLY. Answers must be received by December 15, 1984 and the winner will be announced in January/February 1985 issue. All questions were researched from IFGA bulletins.

1. In the Final Point Standings over the past ten years (1974-1984) who accumulated the most points in one year in an individual color class?  
1) Name 2) Color class 3) Total points accumulated 4) Year  
(Score - 1 point for each; 5 points if all correct)
2. Which President of the IFGA wrote his monthly column for the bulletin under the title "Prez Mez"? (Score - 1 point)
3. What 4 clubs in the IFGA today were at the first meeting of guppy clubs in 1966?  
1) 2) 3) 4)  
(Score - 1 point each; 5 points if all correct)
4. Which color class has had the most entries in IFGA shows in the last ten years (1974-1984)? Note: Snakeskin class is excluded because of its two categories)  
(Score - 1 point)
5. What person has placed first in one color class for the most consecutive years?  
1) Name 2) Color class 3) Number of years  
(Score - 1 point for each; 5 points if all correct)
6. List the 4 women in the Guppy Hall of Fame?  
1) 2) 3) 4)  
(Score - 1 point for each; 5 points if all correct)
7. Where was the first IFGA Annual held - what year?  
1) City-State 2) Year  
(Score - 1 point for each; 5 points if all correct)
8. In the last ten years (1974-1984) which club holds the record for the most entries in an IFGA sanctioned show - what year?  
1) Club 2) Number of entries 3) Year  
(Score - 1 point for each; 5 points if all correct)
9. What was the organization of guppy clubs known as before it took the name of International Fancy Guppy Association?  
(Score 1 point)
10. In what year did the Breeder Male Class (5 Matched Males) become an official class in the Point Standings?  
(Score - 1 point).

Have fun and GOOD LUCK! Remember a free subscription to the bulletin can be yours if you come up with the right answers.



## CLUBS/MEMBERS OF THE I.F.G.A.

compiled by Vi Golimowski

At the June meeting it was suggested that list of clubs and members be published as a reference for IFGA members and corresponding members. This list is taken from the 1984 rosters.

BIG APPLE GUPPY GROUP

|                                                                    |                                                                    |                                                                   |
|--------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------|
| Al Blount<br>1410 Pitkin Ave.<br>Brooklyn, N.Y. 11212              | Harold Bryant<br>434 College Ave.<br>Staten Island, N.Y. 10314     | Warren Burke<br>107-34 116th St.<br>Richmond Hill, N.Y. 11419     |
| Danny Castagliola<br>107-50 116th St.<br>Richmond Hill, N.Y. 11419 | Del Colon<br>2490 Davidson Ave. Apt. 5C<br>Bronx, N.Y. 10468       | John Eng<br>30-67 86th St.<br>East Elmhurst, N.Y. 11369           |
| Stan Goldin<br>92 Walters Ave.<br>Staten Island, N.Y. 10301        | Yezid Gutierrez<br>626 Riverside Dr.<br>New York, N.Y. 10031       | George Haffner<br>245-02 61 St. Ave.<br>Douglaston, N.Y. 11362    |
| Arthur Hintz<br>104-30 120 St.<br>Richmond Hill, N.Y. 11419        | Steve Kwartler<br>1347 Muliner Ave.<br>Bronx, N.Y. 10462           | John Mazzone<br>115-24 124th St.<br>South Ozone Pk., N.Y. 11420   |
| Donald McNair<br>2022 Union St.<br>Brooklyn, N.Y. 11212            | Steve Prochak<br>53-18 195th St.<br>Flushing, N.Y. 11365           | Vincent Rabbene<br>130-11 133 Ave.<br>South Ozone Pk., N.Y. 11420 |
| Nick & Marcia Rapanes<br>59-39 69th Ln.<br>Maspeth, N.Y. 11378     | Frank Schulerbrandt<br>3333 Broadway D-17D<br>New York, N.Y. 10031 |                                                                   |

BORINGUEN GUPPY CLUB

|                                                                                   |                                                                       |                                                                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Yadira Bermudez<br>Yamil Bermudez<br>51 St. BA-15 Teresita<br>Bayamon, P.R. 00619 | Francisco Carpio<br>56 SE #1270 La Rivera<br>Rio Piedras, P.R. 00921  | Jorse Cruz<br>7th St. B-6 Braulio Dueno<br>Bayamon, P.R. 00619                        |
| Jose A. Guzman<br>Trenton #293 San Gerardo<br>Rio Piedras, PR 00925               | William Figueroa<br>Atenas B-11 Rept. Flamingo<br>Bayamon, PR 00619   | Gadior Gonzalos<br>Louis Llorens Torres St. F4-10<br>Levittown, Catano, PR 00632      |
| Wilfred Otero<br>San Lucas 1400 Alta Mesa<br>Rio Piedras, PR 00921                | Tommy Muniz<br>Quenepa St. #100<br>Miraville, Rio Piedras<br>PR 00919 | Raymon Rodrigues<br>Santa Cruz St. River Park Cond<br>Apt. R-10E<br>Bayamon, PR 00619 |

BUCKEYE FANCY GUPPY ASSOCIATION

|                                                          |                                                      |                                                           |
|----------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------|
| Ken & Kathy Hawley<br>801 Kennebec<br>Akron, OH 44305    | Ed Regec<br>1233 Allendale Avenue<br>Akron, OH 44306 | Jim Schofner<br>337 Howe Ave.<br>Cuyahoga Falls, OH 44221 |
| Rich Serva<br>5407 S. Celeste View Dr.<br>Stow, OH 44224 |                                                      |                                                           |

## CLUB/MEMBERS OF THE I.F.G.A.....

BURLINGTON FANCY GUPPY SOCIETY (Canada)

|                                                                    |                                                                       |                                                                     |
|--------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------|
| Ross Bateman<br>#1502-685 Surrey Lane<br>Burlington, Ontario       | Spewart Bibby<br>4490 Tremineer<br>Burlington, Ontario                | Toni Charszewski<br>5477 Eaton Ave.<br>Burlington, Ontario          |
| Charlie Drew<br>1356 Bunnell Dr.<br>Burlington, Ontario            | Steve & Jane Evans<br>#1006 1431 Lakeshore Rd.<br>Burlington, Ontario | Gordon & Mark Cunningham<br>2397 Cyprus Ave.<br>Burlington, Ontario |
| Red Grigsby<br>#5-2050 Upper Middle Rd.<br>Burlington, Ontario     | Jerry Boblak<br>509 Britannia Rd.<br>Hamilton, Ontario                | Bob Kirkpatrick<br>515 Elizabeth St.<br>Burlington, Ontario         |
| Mike & Sylvia Larocque<br>1353 Colonsay Dr.<br>Burlington, Ontario | Kirk Lawrie<br>141 Ripley Ct.<br>Oakville, Ontario                    | Doug Mark<br>10 Martin Grove<br>Dundas, Ontario                     |
| Sam McMillan<br>149 St. Andrew's Dr.<br>Hamilton, Ontario          | Steve & Lynn Millward<br>393 Warwick Dr.<br>Burlington, Ontario       | John Rimes<br>4467 Bennet Rd.<br>Burlington, Ontario                |
| Sandy & Dave Smith<br>414 Delaware<br>Burlington, Ontario          | Bob Stewart<br>RR #1<br>Millgrove, Ontario                            | John Theurer<br>272 Malvern Rd.<br>Burlington, Ontario              |
| Jean Vaughn<br>#1502-685 Surrey Lane<br>Burlington, Ontario        | Brian & Eileen Wolkowski<br>301 Satok Cr.<br>Milton, Ontario          | Steve & Debbie Whiteman<br>2045 Bridge Rd.<br>Oakville, Ontario     |
| Eugene Wiatzka<br>29 Langfield Cres.<br>Rexdale, Ontario           |                                                                       |                                                                     |

CANADIAN GUPPY CLUB

|                                                                               |                                                              |                                                                    |
|-------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|
| Krikon Darakjian<br>44 Driftwood #29<br>Ontario                               | Doug Fair<br>96 Victoria Park Ave.<br>Scarsborough, Ontario  | Dave Franco<br>45 Alexander St.<br>Leckport, N.Y. 14094            |
| Art. & Linda Halpert<br>Foxhound Court<br>Willowdale, Ontario                 | Ron Johnston<br>28 Iverwood Ct.<br>Scarsborough, Ontario     | Dave McChesney<br>41 Warwick Castle Cres.<br>Scarsborough, Ontario |
| Bev Richardson<br>Steve Saunders<br>175 Alexmuir #20<br>Scarsborough, Ontario | Otmar Schoenbaugher<br>41 Rillilton Ave.<br>Canada           | Brian Scott<br>Whitby, Canada                                      |
|                                                                               | Andy Thornhill<br>7030 Netherbae Rd.<br>Mississauga, Ontario | Brian Wolkowski<br>301 Satok Cr.<br>Milton, Ontario                |
| Don & Millie Craft<br>130 Lake Dr. SW Rt. #2<br>Pataskala, OH 43062           | Ron Coffey<br>RD #11 Koogle Rd.<br>Mansfield, OH 44903       | Sue Hull<br>2898 Mt. Holyoke<br>Columbus, OH 43221                 |
| Lawrence McIntire<br>63 N. Walker Ave.<br>Mansfield, OH 44905                 | Don Saurers<br>2610 Elliott Ave.<br>Columbus, OH 43204       | Roy Swartz<br>62 Trine St.<br>Canal Winchester, Oh 43110           |

CLUB/MEMBERS OF THE I.F.G.A.,.....

C.O.G.S. (cont.)

Bob Williams  
1034 N. Cassady  
Columbus, OH 43219

Dick Medford  
(No address available)

EAST COAST GUPPY ASSOCIATION

Lenny Buttafuoco  
41 Drake St.  
Malverne, N.Y. 11565

Bonnie Campbell  
134 Lockwood Ave.  
Farmingdale, N.Y. 11735

John Cashel  
19 Woodland Ave.  
Rockville Center, N.Y. 11570

Joe Farinella  
2752 Riverside Dr.  
Wantagh, N.Y. 11795

John Favorito  
42 Fourth St.  
Ronkoma, N.Y. 11779

Saul Fellman  
2860 Weeks Ave.  
Oceanside, N.Y. 11572

Fred Fragasso  
423 East 83 St.  
New York, N.Y. 10028

Jim Goldfine  
423 East 81 St.  
New York, N.Y. 10028

Keith Hirsch  
2953 Huntington Ct.  
Wantagh, N.Y. 11793

Frank Jamiol  
386 Arnold Ave.  
W. Babylon, N.Y. 11704

Ken Klimpel  
205 Stony Hollow Rd.  
Greenlawn, N.Y. 11740

John Kolb  
17 Burton Lane  
Massapequa, N.Y. 11758

Stephen Kwartler  
1847 Muliner Ave.  
Bronx, N.Y. 10462

Mike Lastella  
3340 Yost Blvd.  
Oceanside, N.Y. 11572

Al Martinez  
27 Richie Ct. N.  
St. James, N.Y. 11780

Ken Morrissey  
1034 N. Monroe Ave.  
W. Islip, N.Y. 11795

John O'Brien  
24 Cloister Lane  
Hickville, N.Y. 11801

Vic Piteo  
633 Brooklyn Ave.  
Baldwin, N.Y. 11510

Terry Pulvidente  
601 Hollywood Ave.  
Copiague, N.Y. 11726

Bob Schnaarschmidt  
411 Kensington Ct.  
Copiague, N.Y. 11726

Frank Schulerbrandt  
3333 Broadway  
New York, N.Y. 10031

Irwin Solomon  
239-53 66 Ave.  
Douglaston, N.Y. 11362

FANCY FINNY FRIENDS

Julius Bender  
11 Kipp Ave.  
Hasbrouck Hgts., N.J.

Richard Clyburn  
52 Hackensack Ave.  
Hackensack, N.J. 07601

Charles Conti  
Louis St.  
Hackensack, N.J. 07601

Al Gambuti  
424 Hamilton Ave.  
Hackensack, N.J. 07601

Andrew Giordano  
524 Windsor Rd.  
New Milford, N.J.

George Handschin  
Euclid Ave.  
Hackensack, N.J. 07601

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BADER'S BLOTTER

by Ann Bader

Our anniversary issue is again the product of many helping hands and thanks go to all of those listed in the Index section who helped make this possible. To those of you who contributed photo's a special Thank You - they were:

Eugene Wiatzka, Vi Golinowski, Warren Burke, Robert Van Den Langenberg,  
Astrid Young, Dr. Anthony Sabatasso and Yamil Bermudez

We have articles this month from two of the IFGA judging board members. I would hope that you all of you, especially the judges, have time to read them before the St. Louis show. They have given us some very valid things to consider.

The special dedication of this issue is long overdue. Jamey and Julie, for the past three years, have taken on the job of doing the covers and photo sections of the anniversary issues. They've always done a super job and this is our way of saying THANKS!!

SEE YOU IN ST. LOUIS!!!

# International Fancy Guppy Association



DATE DEC 1984

Official  
Publication

# International Fancy Guppy Association

- To provide aid for its member groups in the exhibition of guppies with emphasis on set up and judging
- To keep current and update the present standards
- For the pleasure of promoting recreation, understanding, and interest through exhibition and discussion of the Fancy Guppy.

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## MESSAGE FROM THE PRESIDENT

by Tom Allen

The membership of Gateway Guppy Associates outdid themselves in hosting our annual show weekend. It turned out to be wall-to-wall enjoyment from the start of the judging seminar on Friday until the last entry was debatched on Sunday. Whether you attend the annual show to... visit with friends... talk about guppies... polish up on your judging... get to see other fishrooms... go shopping... accept your awards... there was something in St. Louis for everyone. Thanks, Gateway, from all of us who were able to attend.

The dinner was well attended and along with our annual plaques/certificates, the following special awards were presented: Frank Schultersbrandt of the Big Apple Club was honored by GAGC for his efforts in supplying clubs with entry books, judging cards, etc.; the Best Novice plaque sponsored by John Wolcott was awarded to D & R Rush of Cleveland; Gateway Guppy Associates was honored by ECGA as the Club of the Year; the Big Apple Guppy Group presented Stan and Ethel Shubel of Michigan with a plaque for their many years of service to the hobby and the IFGA; MVGA awarded J & V Wilson of Michigan the Bob Thornton Memorial trophy as the leading breeder of females; GAIC presented the male counterpart, the Guppy Man of the Year trophy, to Joe Smith of Michigan; and finally, John Wolcott of Texas and Ted Lobello of Illinois were honored by GAIC with their induction into the Guppy Hall of Fame. Congratulations to all!

Finally, I want to wish to you and your families the very happiest of Holiday Seasons with continued good health and success into the New Year.

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## FROM YOUR SECRETARY

by Pat Allen

As a reminder, if you need an alternate for a meeting, be sure to send me a letter requesting one. This letter should be sent to me two or more weeks in advance of the meeting. On several occasions lately, I have not received these letters until after I have arrived home from the meeting show. To avoid this, please send your letter early. Thanks.

Here is the list of the shows for 1985 and the dates the rules (show classes) should be received by me.

| CLUB                                   | SHOW DATE       | CLASSES DUE |
|----------------------------------------|-----------------|-------------|
| Indianapolis Guppy Breeders            | March 30-31     | December 30 |
| Big Apple Guppy Club                   | April 13-14     | January 13  |
| Midwest Guppy Club                     | May 4-5         | February 4  |
| Guppy Associates of Cleveland          | May 18-19       | February 18 |
| Pan Pacific Guppy Association          | June 1-2        | March 1     |
| East Coast Guppy Association           | June 15-16      | March 15    |
| Gateway Guppy Association              | June 29-30      | March 29    |
| Guppy Associates of Milwaukee          | July 20-21      | April 20    |
| Buckeye Fancy Guppy Club               | August 3-4      | May 3       |
| Guppy Associates International Chicago | September 7-8   | June 7      |
| Maumee Valley Guppy Association        | November 8-9-10 | August 8    |

Judging Seminars: Guppy Associates of Milwaukee and Maumee Valley Guppy Association

Meetings: Big Apple Guppy Club and Maumee Valley Guppy Association

MINUTES - I.F.G.A. MEETING  
November 3, 1984 - Bridgeton, Missouri

The meeting was called to order at 10:10 A.M. by President, Tom Allen. The roll call was as follows:

## CLUB

Big Apple Guppy Club  
Borinquan Guppy Club  
Buckeye Fancy Guppy Club  
Burlington Fancy Guppy Society  
Canadian Guppy Club  
Columbus Ohio Guppy Specialist  
East Coast Guppy Association  
Fancy Finny Friends  
Florida International Guppy Association  
Gateway Guppy Association  
Greater Delaware Valley Guppy Society  
Greater Virginia Guppy Club  
Guppy Associates International Chicago  
Guppy Associates of Cleveland  
Guppy Associates of Lafayette  
Guppy Associates of Milwaukee  
Guppy Associates of Toronto  
Heartland Guppy Club  
Houston Guppy Club  
Indianapolis Guppy Breeders  
Maumee Valley Guppy Association  
Michigan Breeders  
Midwest Guppy Club  
Northeastern Indiana Guppy Breeders Association  
Northern California Guppy Association  
Pan Pacific Guppy Association  
South Jersey Guppy Group  
Tri-State Guppy Group  
Western New York Guppy Group

D - Delegate

## REPRESENTATIVE

Frank Schultersbrandt - D  
Rich Serva - D  
Don Saurers - D  
Mike Lastella - D  
Peter Tedesco - D  
Bill McGovern - D  
Everett Gold - D  
Paul Blood - D  
Bill Schoenbauer - D  
Gene Golimowski - A  
Frank Orteca - A  
Bill Orth - D  
David Niedzialkowski - D  
Gene Wiatzka - D  
Reginald Day - D  
Pat Allen - A  
Darrell Johnson - D  
Rich Bader - A  
Stan Shubel - D  
Stephen Sparrow - D  
John Mackey - A  
Jim Alderson - A  
Steve Prochak - A  
Paul Jacobs - A  
Pop Morgan - A

A - Alternate

Paul Blood moved to accept the minutes from the June 23, 1984 meeting as published in the August 1984 issue of the bulletin. Peter Tedesco seconded. Motion passed.

## Treasurer's Report - Ted Lobello

|                                   |            |            |
|-----------------------------------|------------|------------|
| A. Balance as of June 11, 1984    |            | \$3,709.94 |
| B. Income                         |            |            |
| Judging Books                     | \$ 60.00   |            |
| Bulletin Subscriptions            | 825.00     |            |
| Bulletin Back Issues              | 62.00      |            |
| Trophy Sponsorship                | 25.00      |            |
| Interest Income                   | 106.25     |            |
| Entry Forms                       | 1.50       |            |
| Award Cards                       | 125.55     |            |
| Reimbursement for UPS Charges     | 14.95      | \$1,265.65 |
| C. Working Capital                |            | \$4,955.59 |
| D. Expenses                       |            |            |
| Bulletin Expense                  | \$1,294.93 |            |
| UPS Shipping                      | 27.36      |            |
| Bad Check & Charges               | 12.00      | \$1,334.29 |
| E. Balance as of October 29, 1984 |            | \$3,621.30 |

#### MINUTES.....

Paul Blood moved to accept report as read, subject to audit. Peter Tedesco seconded. Passed.  
The books were audited by Paul Blood, Jim Alderson and Steve Sparrow. The books were found to be materially correct.

#### Judging Board - Tom Allen

The board recommended that the By-Laws on the numbers of persons on the board not be changed from seven members to read at least 7. A motion and discussion will be made later in the meeting.

Any fish (male or female) for which there is no class will follow the course of the chart. An example is the Albino Female. It will no longer go directly to the AOC Class.

A list of all assistant judges will be published in the bulletin.

A motion will be made later requiring all assistant judges to judge at least one show each year and attend 1 seminar every 2 years.

The following 5 accredited judges did not meet the requirements last year: Mike Regent, Alice Regent, Don Craft, Tom Washburn and Andy Hull.

The following passed the visual test at the seminar: Frank Chang and Vic Piteo.

The following passed the written test: Reginald Day and Frank Barta.

The following have been added to the list of accredited judges: Terry Wasyluk, Steve Sparrow, Jim Alderson, Frank Chang and Vic Piteo.

The Board received a complaint from a person in the Northern California Club that said he did not get back the correct fish from one of the shows. As there is no proof of this, the Board cannot act on the complaint and has dropped the issue.

Up till now 1 point has always been given when judging the dorsal color of a fish. The judging board now says we should give 0 points when the dorsal color is a complete mismatch from the caudal color.

It has been recommended to all Show Chairpersons that the single male class be a combined class when they do not break it down into Delta and Veil.

All judges were reminded when judging at shows that they take the time to look closely at all the fish.

It was recommended to Show Chairpersons that they hand out the large classes of fish first. Let's get those tough classes out of the way first.

#### Membership Report - Vi Golimowski

Vi said she had sent out between 200 and 250 beginning brochures this year to corresponding members.

Under New Business, Vi will request that we accept a new club from which she has the registration information.

All delegates were given their registration forms for this year. They must be received by Vi by March 1, 1985. She asks that these applications be typed or printed, please. Fill the application out completely.

#### Publicity Report - Jim Thale

Jim has made up a form that he gave to those clubs having shows in '85. He asked that they be filled out and sent to him so he can get some publications to print our show information.

#### Awards - Bill Orth

Bill reminded show chairpersons that he must have the show results within 2 weeks after the show date.

Bill will have published in the bulletin a list of all classes and their sponsors. At this time, he felt all classes were sponsored.

#### Publications Report - Ann Bader

Ann thanked everyone that has sent in articles for the bulletin. She also said she had available Judging Booklets for \$2.50 and an Anniversary Issue of the bulletin for \$1.50.

#### MINUTES.....

#### Central Clearing House - Bob Curran

Bob is still receiving requests for fish. He hopes to have a list of breeders printed up so he can send it to those interested buyers. If you have previously been on his list, but do not wish to continue, please let him know.

#### Canadian Clearing House - Gene Wiatzka

Gene has been receiving complaints from buyers that those people they contact to sell them fish do not respond. Please take the time to at least drop a prospective buyer a note that you either do have or do not have the fish needed.

#### Old Business

The motion was passed that all judges must attend one seminar every two years.

Tom will remind all judges when they are close to being in arrears of this.

The motion on the By-Law 1-G #13 (Committees) was passed. It will read that the Judging Board will consist of at least 7 members.

#### Show Rotation - Mike Lastella

Paul Blood moved to accept the following show schedule. Reginald Day seconded. Passed.

|                                        |                 |
|----------------------------------------|-----------------|
| Indianapolis Guppy Breeders            | March 30-31     |
| Big Apple Guppy Club                   | April 13-14     |
| Midwest Guppy Club                     | May 4-5         |
| Guppy Associates of Cleveland          | May 18-19       |
| Pan Pacific Guppy Association          | June 1-2        |
| East Coast Guppy Association           | June 15-16      |
| Gateway Guppy Association              | June 29-30      |
| Guppy Associates of Milwaukee          | July 20-21      |
| Buckeye Fancy Guppy Club               | August 3-4      |
| Guppy Associates International Chicago | September 7-8   |
| Maumee Valley Guppy Association        | November 8-9-10 |

#### Recess - 10 Minutes

#### New Business

A letter will be sent to TFH on the recent article they published about the guppy.

The following clubs have been dropped from our roster: Borinquen Guppy Club, Burlington Fancy Guppy Society and Northeastern Indiana Guppy Breeders Association.

Ted received a letter from someone in Germany. He sent them one of our bulletins. They are interested in shipping to a couple of our shows. Cleveland will send them a copy of their rules. They will also be notified that the Canadian show will not be held. Hopefully they will pick out another show to ship to.

Frank Schultersbrandt reminded all show chairpersons that he will make up the books for their shows if they just notify him of their classes.

Tom applied for a tax exempt number from the IRS. It was denied. However, our (the I.F.G.A.) tax ID number is 36-328-6535.

We need to resolve the problem of new Annual Certificates by the April meeting. We do not want someone that has won to be without a certificate at the next annual.

Tom showed all present a copy of the judging booklet that Josh Wilson did on the computer. Josh was given a round of applause for the fantastic job. Josh and Ann Bader will work out details for this.

Vi presented the application she has for a new club. It is the Pennsylvania Keystone Guppy Association. (Josh Wilson is part of this club). John Mackey moved to accept them as a member. Sue Hull seconded. Passed.

Vi also received a letter from the Indianapolis Aquarium Society asking to be reinstated. Paul Blood moved to accept them. Sue Hull seconded. Passed.



# MINUTES.....

## New Business (cont.)

The following recommendations made by the Judging Board were voted on:

1. Any fish for which there is not a class will pass through the chart -- not go directly to AOC.
2. Assistant judges must judge 5 classes at 1 show each year and attend 1 seminar every 2 years.
3. 0 points will be given for dorsal color when the dorsal and caudal are completely mismatched.
4. Show chairpersons will have a Combined class (single) instead of just a Delta Class.

Paul Blood moved to accept numbers 1, 3, and 4. Stan Shubel seconded. Passed. After some discussion on the second point, Paul Blood moved to accept it. Bill Orth seconded. Passed.

Clubs hosting shows in '85 are asked to include the following new classes that now have been sponsored. It is a recommendation -- but not necessary.

Frank Schulerbrandt moved to split the snakeskin. He will sponsor the Solid and Greater Delaware Valley will sponsor the Varigated. John Mackey seconded. Passed. Sue Hull recommended splitting the Breeder Male -- solid and varigated. Discussion followed but thought this is not the time to do it. However, show chairpersons may try it if they so choose.

Frank Schulerbrandt moved to sponsor a Half/Black Red female class. Paul Blood seconded. Passed.

Vi and Gene Golimowski moved to sponsor a Bronze female class. Sue Hull seconded. Passed.

These 3 classes (split the snakeskin, Half/Black Red female and Bronze female) are now recommended but not mandatory classes for the shows next year.

Mike Lastella moved to raise the trophy sponsorship fee to \$35 from \$25. Jim Alderson seconded. Passed. This will go into effect after the 1985 show season.

Paul Blood moved to adjourn. Stan Shubel seconded. Passed. Meeting adjourned at 12:50 p.m.

Respectfully submitted,

Pat Allen, Secretary

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## CHANGES IN JUDGING BOOKLET

Section XII - 6 Page 27

Last sentence in first paragraph, change to:

If the dorsal color is clear or does not match the caudal color at all, then zero color points would be given.

Section VII - Page 12

To Retain Accreditation: Assistant Judges must judge 5 classes at 1 show each year and attend 1 seminar every 2 years.

Editor's Note - These two pages will be revised and published in the Jan/Feb. issue of the bulletin as inserts so your judging booklets may be updated.

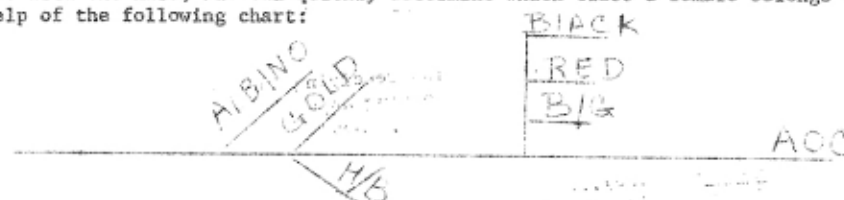
## JUDGING THE FEMALE GUPPY

by Tom Allen and Stan Shubel

Editor's Note - The following article is a revised version of the article which appeared in March 1982 bulletin. This has been revised to clarify the color classification of the female classes.

To be classed as a female, a guppy must show a gravid spot and not sport a gonopodium. If in the agreement of the judges, a fish does not pass one or both of these requirements, it should be disqualified. Special care must be taken with some black/half-black females as the gravid spot may not be readily visible and may blend in with the dark body color.

As with the male, one can quickly determine which class a female belongs with the help of the following chart:



The half-black and gold are determined by body color whereas in the final separation, caudal color is taken into consideration. If however, there is an albino class this would be the first determining factor. A female must show 51% of the primary color to avoid disqualification. Obviously, the quality of the lighting can be a determining factor in the amount of primary color a fish shows. Because a female is from a red strain does not necessarily mean she will pass the color test and not be disqualified.

From time to time, confusion occurs on combined color classes such as the Blue/Green female (and the Blue/Green Bicolor class in the case of males). The slash separating the two colors implies the fish can be blue, can be green but need not be both blue and green. But suppose both blue and green were present - as long as the total percentage of all remaining colors is less than 49%, the fish should not be disqualified. However, these other colors are considered as an absence of the primary color and you would point the fish down accordingly when considering caudal color.

At a recent judging seminar, one of the participants asked where an Albino (red or pink eye) female with a red caudal would be entered if no Albino female class were available. Using the chart, we'd see that she would have to be put into the red class (an unusual situation since one thinks of this class as being made up of gray-bodied fish) since she is not a black, not a half-black, not a gold and has at least 51% of red in the caudal. Had she 51% or more yellow gold coloration in the body, however, she would fall into the gold class, because the body color check takes precedence. When no Bronze class is available, a bronze-bodied female would be classified according to the caudal color also.

To avoid being redundant, guidelines, definitions, etc., which are discussed in the chapters on judging the male, will not be repeated here. It is recommended that you review these chapters (printed in the IFGA Judging Booklet and in issues of the IFGA bulletin) before continuing with this article.

## Judging the Body (Shape)...

Because of its major importance in the overall scheme, body shape as a judging category in the female has been given an additional 6 points over the points for body shape in the male. Unfortunately, at times we tend to be too lenient and place a

#### JUDGING THE FEMALE GUPPY.....

Badly shaped female higher in the results than she should be. Let's face it, an 8 or 9 point loss because of poor body shape should definitely keep a fish out of the running. Occasionally, you are asked to judge a female who is obviously "too pregnant" having a body so distorted it looks like a ball-bearing with a tail. This fish would score low in body shape. The opposite condition is also possible; that is, a female's body depth (thickness) may not be in proportion to her length also scoring low shape points. You should also pay close attention to the peduncle area in a female as a weak peduncle area (again, not in a pleasing proportion to the shape of the body) would be reason to dock the fish in shape points.

Any female having an excellent shape would receive 9-10 points; a good shape, 7-8 points; fair shape, 4-6 points; poor shape, 1-3 points. The 11th point is held back for the exceptional fish. Any shape would get the minimum of 1 point. Note that it is still possible for two females each with a fair shape to still be two points apart.

It is quite probable that any fish receiving low body shape points would also score low in symmetry (the overall pleasing appearance of the fish) as a poorly shaped body certainly isn't pleasing to the eye. Most show females fall in the 4-8 point range in body shape.

#### Judging the Body (Size)...

Judging body size on a male has become virtually routine since the establishment of the size-point relationship. The same sort of relationship can be set up for the female as is outlined in the table below:

| Size        | Points |
|-------------|--------|
| Over 2 1/4" | 11     |
| 2 1/4"      | 10     |
| 2 1/8"      | 9      |
| 2"          | 8      |
| 1 7/8"      | 7      |
| 1 3/4"      | 6      |

For females less than 1 3/4", you would down-point accordingly. If 2 1/4" seems extremely large compared to the 1 1/4" standard set for males, just remember that 1) females are larger than males and 2) we are developing a standard. It is altogether possible that the male standard will have to be increased due to the large numbers of show fish approaching the maximum size. Probably the most appropriate meaning of the word 'standard' is ideal - that which all of us as breeders should strive for.

#### Judging the Body (Color)...

For the most part, female body color is non-existent. For this reason only 4 points are available. Regardless of the number of points, we still use the density and intensity technique of assigning points. Only a female with exceptional color should receive 4 points; good color, 3 points; fair color, 2 points; and little or no color, 1 point. If we consider the fish being shown today, virtually all would receive minimum body color points with the possible exception of blacks and an occasional gold with a secondary body color. Taking note that the Half-Black must have enough half-black body color for class determination.

#### Judging the Body (Condition)...

Excellent body condition would warrant 4 points; 3 points would be given for good body condition; 2 for a fair condition and 1 as a minimum. Seldom would you give a fish anything other than a 2 or 3.

#### Judging the Caudal (Shape)...

Our standards on the female caudal recognizes three widely differing shapes namely, the round, the shark tail and the delta tail. To receive high shape points, the female caudal must compare favorably with our perception of an ideal caudal. The

#### JUDGING THE FEMALE GUPPY.....

round tail should have smooth rounded corners while the corners of the delta tail should be squared-off much like the caudal on a delta-tailed male. Rounded edges may also be evident on the shark tail. The most common fault is the incomplete formation of the lower quarter of the caudal as the illustration shows:



No guidelines as to the spread (in degrees) can be given due to the diversity of shapes.

We would divide up the allotted points as follows:

|                    |
|--------------------|
| 10 - Exceptional   |
| 8-9 - Excellent    |
| 5-7 - Average/Good |
| 2-4 - Poor/Fair    |
| 1 - Minimum        |

#### Judging the Caudal (Size)...

To maintain the correct proportion, our current standards calls for a female to have 1 unit of caudal length for every 2 units of body length. We define caudal size as being the overall size of the tail within the proper proportion. At one time, our standards called for a body to caudal ratio of 3 to 1. Because of selective breeding, we began to see females in our shows whose caudals were far too large and no longer were in proportion. The delegates voted to change the standard. For females having the correct proportion, caudal size translates as follows:

| Size        | Points |
|-------------|--------|
| over 1 1/8" | 11     |
| 1 1/8"      | 10     |
| 1"          | 8-9    |
| 7/8"        | 7      |
| 3/4"        | 5-6    |
| 5/8"        | 4      |
| 1/2"        | 2-3    |
| Less 1/2"   | 1      |

Female caudal size is always judged in relation to the size of the body. This is due to our strong emphasis on proportion and balance.

Most females being exhibited today lack the proper proportion. Many breeders cannot understand how the standards can be so different from the actual fish being shown. You must keep in mind that standards are really meant to be goals - goals which we should be breeding toward. Continually changing the standards would cause severe havoc because so much of what we see in guppies is cyclic - down one year and up the next. Our standards are one of the real strengths of our organization.

Consider the example of a female with a 2" body and a 3/4" caudal being judged against a more proportional (1 1/4" body and 3/4" caudal) but smaller fish. You would give the first fish 8 points for body size and 4 points (5-1 for having less than the required caudal size) for a total of 12. It would appear at this point that the proportional fish would lose since she would receive only 4 points for body size and 5 points for caudal size giving her a total of 9. You will see in a later section that the symmetry or balance of the fish will reverse this outcome.

#### Judging the Caudal (Color)...

The 11 points allocated to color will be split by giving 6 points for density and the remaining 5 points to intensity. Oftentimes, for example, in the Red class, we come across caudals with clear areas, dark spots, or other abnormalities of the



#### JUDGING THE FEMALE GUPPY.....

primary color. These are to be considered as absence of color and the fish should be docked according to degree. Any fish having a minimum (51%) of color can score no higher than 6 points. Actually, 6 points is probably high when intensity of color is considered.

#### Judging the Caudal (Condition)...

Split rays, tail rot and general raggedness are typical of the female caudal condition problems we face as judges. However, if we abstractly divide the caudal into quarters (as is suggested we do with the male) and allot one point for each good section, we reduce this to a simple exercise. Remember to keep that 5th point as a "kicker" for that exceptional fish.

#### Judging the Dorsal (Shape)...

The female dorsal should resemble the male dorsal in shape with a slight narrowing at the trailing end. The illustration below indicates how the 4 points would be allocated:



#### Judging the Dorsal (Size)...

A dorsal, in the proper shape, which reaches 3/4" in length would be given the maximum of 7 size points. Were we to measure the height of this dorsal we'd find it would come close to 1/4". It becomes apparent from this that about a 3 to 1 (length to height) ratio is desirable. A 2 to 1 ratio would merit only 2/3 or about 4 size points. A 1 to 1 ratio would receive in the area of 1-2 points.

#### Judging the Dorsal (Condition)...

With only 3 points to work with, we are in effect saying that any fault in a dorsal would automatically reduce the points available to the minimum of 1. The actual point spread would look like this:

- 3 - exceptional
- 2 - good
- 1 - minimum

#### Judging the Dorsal (Color)...

The basic requirement concerning color in the female dorsal is that it match the caudal in density and intensity while maintaining a similar pattern. Looking at the Red class again, a female which receives half of the 11 caudal color points (say 5/6) would be hard pressed to score more than a 2/3 in dorsal color. This would hold true only if a perfect match were evident. While it is technically possible, it is highly unlikely that you could come across a female with a more dense and/or more intense dorsal color than caudal color. Any off color or clear dorsal would receive 0 points.

#### Judging the Female (Deportment)...

Most times, by the time deportment is judged, the judges have bounced the bowls around so much, it's a wonder the fish are still alive. At any rate, a good judge will make mental notes of a fish's deportment throughout the judging procedure. If we do, we can more fairly relate to the table below:

- |                          |                     |
|--------------------------|---------------------|
| 5 - Exceptional movement | 2 - Little movement |
| 4 - Good movement        | 1 - No movement     |
| 3 - Average movement     |                     |

#### JUDGING THE FEMALE GUPPY.....

#### Judging the Female (Symmetry)...

Symmetry, as earlier defined, is the overall pleasing appearance and balance of the fish in the proper proportion. Balance doesn't imply that the fish must swim up-right, but rather points to the proportional relationship of dorsal to caudal to body in both size and shape.

Recalling our earlier example and assuming the dorsals to be in balance with the rest of the fish, we would give the proportional (number 2) fish close to the maximum in symmetry thereby placing it over the larger but less proportioned fish. The assignment of points would be as follows:

- 8 - Exceptional symmetry
- 6-7 - Good symmetry
- 4-5 - Average symmetry
- 2-3 - Poor symmetry
- 1 - Minimum

This article, hopefully, will clarify some of the mysterious and misleading aspects of female judging.

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#### TROPHY SPONSORSHIP FOR 1985

from Bill Orth

| CLASS                | SPONSOR                                 |
|----------------------|-----------------------------------------|
| Red                  | Houston Guppy Club                      |
| Blue                 | East Coast Guppy Association            |
| Green                | Tom and Pat Allen                       |
| Black                | Jamey and Julie Magnifico               |
| Multi                | Big Apple Guppy Group                   |
| AOC                  | Buckeye Fancy Guppy Club                |
| Yellow               | Jim Alderson                            |
| Purple               | Greater Virginia Guppy Club             |
| Red Bi               | Guppy Associates of Milwaukee           |
| Bl/Gr. Bi            | Gene and Vi Golimowski                  |
| AOC Bi               | Midwest Guppy Club                      |
| Gold                 | Guppy Associates International Chicago  |
| Albino               | Pan Pacific Guppy Association           |
| Bronze               | Columbus Ohio Guppy Specialists         |
| Swordtail            | Sue Hull                                |
| H/B Blue             | East Coast Guppy Association            |
| H/B Red              | Florida International Guppy Association |
| H/B Pastel           | Gateway Guppy Association               |
| H/B AOC              | Heartland Guppy Club                    |
| H/B Yellow           | Gateway Guppy Association               |
| Solid Snakeskin      | Frank Schultebrandt                     |
| Variegated Snakeskin | Greater Delaware Valley Guppy Society   |
| Red Female           | Maumee Valley Guppy Association         |
| Bl/Gr Female         | Fancy Finny Friends                     |
| Black Female         | Guppy Associates of Greater Cleveland   |
| AOC Female           | Frank Barta                             |
| Gold Female          | Guppy Associates International Chicago  |
| H/B AOC Female       | Roy Wellman                             |
| Bronze Female        | Gene and Vi Golimowski                  |
| H/B Red Female       | Warren Burke                            |
| Breeder Female       | Guppy Associates of Greater Cleveland   |
| Breeder Male         | Midwest Guppy Club                      |

# TROPHY SPONSORSHIP 1985.....

If there are any questions or corrections to the trophy sponsorship list, please contact Bill Orth. Payments for the sponsorship should be mailed to Ted Lobello by March 1, 1985.

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## GATEWAY GUPPY ASSOCIATION November 2-3-4, 1984 SHOW RESULTS 793 Entries

JUDGES: Sue Hull, Vi Golimowski, Rich Bader, Frank Orteca, John Mackey, Don Saurers, Rich Szydlak, Frank Chang, Paul Gorski, Steve Sparrow, Gene Golimowski, Tom Allen, Ron Yater, Stan Shubel, Pop Morgan, Bill Orth, Mike Lastella, Vic Piteo, Ted Lobello

ASS'T JUDGES: Paul Blood, Bill Schoenbauer, Robert Albright, Rich Serva, Verna Wilson, John Wilson, Eugene Wiatzka, Mike Golimowski, Reginald Day, Tom Washburn, Rev. Lloyd Groenke, Jamey Magnifico, Frank Barta, Bev Richmond, Jerry Hood

OBSERVERS: Josh Wilson, Jose Duque, Ronald Rush, Dave Rush, Chris Rush, Jim Ryan, Bill St. Clair, Lorraine Masley, Bob Williams, Paul Vaughn, Peter Tedesco, Elvin Cooney, Paul Jacobs, John Maslar, Mark Miarka, Allen Bias, Fred Fragasso, Steve Kwartler, Guido Ponzinni, Thomas ?

### BEST OF SHOW

MALE: (Purple Delta) (Blue Delta) (Red Delta) (H/B Blue Delta)  
Stan Shubel Joe Smith Frank Mormino Toby Ann Kotner

FEMALE: (H/B AOC) (Bl/Gr) (Gold) (Black)  
Darrell Johnson Frank Barta Warren Burke D & R Rush

TANK: (Red) (H/B Pastel) (Blue) (H/B Yellow)  
Stan Shubel David Niedzialkowski James Alderson J & B Longer

BREEDER MALES: (7)  
Stan Shubel Joe Smith Joe Smith Joe Smith

BREEDER FEMALES: (8)  
D & R Rush Frank Barta D & R Rush D & R Rush

ST. LOUIS SPECIAL: (1)  
Joe Smith

|                | TANK | DELTA          | VEIL              |
|----------------|------|----------------|-------------------|
| RED:           | (9)  | (25)           | (8)               |
| Stan Shbbel    |      | Frank Mormino  | Frank Orteca      |
| John O'Brien   |      | Joe Smith      | John O'Brien      |
| John O'Brien   |      | John O'Brien   | John O'Brien      |
| John O'Brien   |      | John O'Brien   | Jim Jirku         |
| BLUE:          | (18) | (30)           | (10)              |
| James Alderson |      | Joe Smith      | Steve Sparrow     |
| James Alderson |      | James Alderson | Eugene Golimowski |
| Joe Smith      |      | Joe Smith      | B & J Orth        |
| Paul Gorski    |      | Joe Smith      | T & P Allen       |

# G.C.A. RESULTS.....

|                      | TANK | DELTA             | VEIL               |
|----------------------|------|-------------------|--------------------|
| GREEN:               | (9)  | (13)              | (6)                |
| Rev. Lloyd Groenke   |      | R & B Halverson   | Rev. Lloyd Groenke |
| M & D Lastella       |      | Stan Shubel       | Frederick Roll     |
| Frederick Roll       |      | Frederick Roll    | Rev. Lloyd Groenke |
| T & P Allen          |      | M & D Lastella    | Rev. Lloyd Groenke |
| BLACK:               | (5)  | (11)              | (2)                |
| D & R Rush           |      | D & R Rush        | Reginald Day       |
| D & R Rush           |      | Ed Regec          | B & J Orth         |
| D & R Rush           |      | B & J Orth        |                    |
| Reginald Day         |      | D & R Rush        |                    |
| MULTI:               | (10) | (20)              | (7)                |
| Frank Mormino        |      | Bev Richmond      | S & B Miller       |
| Bev Richmond         |      | Jim Jirku         | J & B Longer       |
| Bev Richmond         |      | Yezid Gutierrez   | J & B Longer       |
| Steve Sparrow        |      | Bev Richmond      | J & B Longer       |
| PURPLE:              | (11) | (17)              | (10)               |
| Stan Shubel          |      | Stan Shubel       | Eugene Golimowski  |
| M & D Lastella       |      | Stan Shubel       | Peter Tedesco      |
| T & P Allen          |      | E & W Schoenbauer | Peter Tedesco      |
| Eugene Golimowski    |      | Stan Shubel       | Eugene Golimowski  |
| AOC:                 | (5)  | (11)              | (6)                |
| Bev Richmond         |      | S & B Miller      | Jim Jirku          |
| Bev Richmond         |      | S & B Miller      | S & B Miller       |
| S & B Miller         |      | Ed Regec          | Disq.              |
| S & B Miller         |      | Ed Regec          | Disq.              |
| H/B RED:             | (14) | (23)              | (8)                |
| Stan Shubel          |      | Stan Shubel       | Vic Piteo          |
| Stan Shubel          |      | Stan Shubel       | Vic Piteo          |
| Irwin Solomon        |      | Irwin Solomon     | Don Saurers        |
| Irwin Solomon        |      | Irwin Solomon     | Vic Piteo          |
| H/B BLUE:            | (3)  | (17)              | (2)                |
| Paul Gorski          |      | Toby Ann Kotner   | Leonard Buttafuoco |
| M & D Lastella       |      | Steve Prochak     | Leonard Buttafuoco |
| Paul Gorski          |      | J & M Mackey      |                    |
|                      |      | J & M Mackey      |                    |
| H/B PASTEL:          | (9)  | (8)               | (6)                |
| David Niedzialkowski |      | John Maslar       | Jim Thale          |
| James Alderson       |      | John Maslar       | J & B Longer       |
| John Maslar          |      | John Maslar       | James Alderson     |
| James Alderson       |      | John Maslar       | Frank Chang        |
| H/B AOC:             | (11) | (14)              | (4)                |
| Stephen Kwartler     |      | M & D Lastella    | Stephen Kwartler   |
| M & D Lastella       |      | Stephen Kwartler  | Stephen Kwartler   |
| Stephen Kwartler     |      | Stephen Kwartler  | Stephen Kwartler   |
| Stephen Kwartler     |      | Stephen Kwartler  | Disq.              |



## G.G.A. RESULTS.....

|                      | TANK | DELTA                | VEIL               |
|----------------------|------|----------------------|--------------------|
| RED-BI:              | (6)  | (20)                 | (6)                |
| Bev Richmond         |      | Bev Richmond         | Ted Lobello        |
| Bev Richmond         |      | Bob Peterson         | Bev Richmond       |
| Ted Lobello          |      | Bob Peterson         | Bob Williams       |
| Bob Peterson         |      | Jose Duque           | J & V Wilson       |
| BL/GR BI:            | (9)  | (17)                 | (7)                |
| David Niedzialkowski |      | David Niedzialkowski | Steve Sparrow      |
| David Niedzialkowski |      | David Niedzialkowski | Leonard Battafuoco |
| David Niedzialkowski |      | Steve Sparrow        | Eugene Wiatzka     |
| David Niedzialkowski |      | David Niedzialkowski | Disq.              |
| AOC BI:              | (5)  | (10)                 | (6)                |
| S & B Miller         |      | Jim Jirku            | Jim Jirku          |
| Bev Richmond         |      | J & B Longer         | Jim Jirku          |
| Paul Gorski          |      | Bob Williams         | Jim Jirku          |
| Steve Sparrow        |      | S & B Miller         | Disq.              |
| SNAKESKIN SOLID:     | (10) | (12)                 | (2)                |
| Frank Orteca         |      | Frank Orteca         | T & P Allen        |
| Frank Orteca         |      | Frank Orteca         | Frank Orteca       |
| T & P Allen          |      | Frank Orteca         |                    |
| Frank Orteca         |      | Frank Orteca         |                    |
| SNAKESKIN VARIG:     | (16) | (22)                 | (10)               |
| R & A Albright       |      | Bob McKim            | Rich Bader         |
| Rich Bader           |      | R & A Albright       | Rich Bader         |
| R & A Albright       |      | Rich Bader           | Rich Bader         |
| John Zelk            |      | R & A Albright       | Rich Bader         |
| ALBINO:              | (17) | (16)                 | (14)               |
| Warren Burke         |      | Jose Duque           | Eugene Golimowski  |
| Jose Duque           |      | Jose Duque           | Bev Richmond       |
| Frank Chang          |      | Jose Duque           | Frank Chang        |
| Eugene Golimowski    |      | Jose Duque           | Carl Hutter        |
| YELLOW:              | (5)  |                      | COMBINED           |
| Bill McGovern        |      |                      | (8)                |
| Bill McGovern        |      |                      | Bill McGovern      |
| Bev Richmond         |      |                      | Bill McGovern      |
| Ray Winkler          |      |                      | Ray Winkler        |
|                      |      |                      | Bill McGovern      |
| GOLD:                | (1)  |                      | (5)                |
| Eugene Golimowski    |      |                      | Eugene Golimowski  |
|                      |      |                      | Eugene Golimowski  |
|                      |      |                      | Disq.              |
|                      |      |                      | Disq.              |
| BRONZE:              | (9)  |                      | (18)               |
| J & V Wilson         |      |                      | J & V Wilson       |
| Don Saurers          |      |                      | J & V Wilson       |
| Eugene Golimowski    |      |                      | J & V Wilson       |
| J & V Wilson         |      |                      | Eugene Golimowski  |

## G.G.A. RESULTS.....

|               | TANK              | COMBINED       |
|---------------|-------------------|----------------|
| H/B YELLOW:   | (8)               | (5)            |
| J & B Longer  |                   | J & B Longer   |
| Charlie Zesch |                   | Charlie Zesch  |
| Charlie Zesch |                   | J & B Longer   |
| J & B Longer  |                   | Charlie Zesch  |
| SINGLE SWORD: | (3)               | (11)           |
| Don Saurers   |                   | Frederick Roll |
| J & V Wilson  |                   | Don Saurers    |
| Don Saurers   |                   | Frederick Roll |
|               |                   | Frederick Roll |
| DOUBLE SWORD: | (2)               | (13)           |
| Don Saurers   |                   | Frederick Roll |
| J & V Wilson  |                   | Don Saurers    |
|               |                   | Don Saurers    |
|               |                   | Jim Thole      |
| NOVICE:       | (1)               | (19)           |
| Alan Bias     |                   | Alan Bias      |
|               |                   | Donald McNain  |
|               |                   | Alan Bias      |
| FEMALES       |                   |                |
| RED: (10)     | BL/GR: (24)       | BLACK: (19)    |
| S & L Corando | Frank Barta       | D & R Rush     |
| Mark Miarka   | Frank Barta       | D & R Rush     |
| Mark Miarka   | Frank Barta       | Frank Barta    |
| Mark Miarka   | Frank Barta       | D & R Rush     |
| AOC: (23)     | H/B AOC: (20)     | H/B RED: (3)   |
| Arthur Hintz  | Darrell Johnson   | Jim McCarty    |
| T & P Allen   | Warren Burke      | Disq.          |
| Jim Jirku     | J & M Mackey      | Disq.          |
| Frank Barta   | Eugene Golimowski |                |
| GOLD: (13)    | NOVICE: (2)       |                |
| Warren Burke  | Alan Bias         |                |
| Warren Burke  | S & L Corando     |                |
| Warren Burke  |                   |                |
| Warren Burke  |                   |                |

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## COMMENTS ON THE ST. LOUIS SHOW

by Bill St. Clair

Well, I finally did it --- my first show. I entered some guppies in St. Louis. I can't say that I set the world on fire, but I can say, without hesitation, that it was an enjoyable and learning experience. I really do hope that all those people that have been hesitating to show will come out and join us in the fun come spring.

For those that can actually attend a show - it is a fantastic experience. Be sure to sign up as an observer. This will allow you to watch and listen to the judges as they make their placements. You are not allowed to make comments while a class is being judged, but when the class is over, you may ask the judges pertinent questions about their decisions. It is a great way to learn.

# COMMENTS.....

The Annual show in St. Louis is now behind us. It was a great success--- not because of anything the St. Louis Club did, but because of the exhibitors. As always, you, the exhibitor, are the sole deciding factor that can be used to gauge success or failure. You determine not only the financial aspects of the show, but also provide the competition we all need to honestly evaluate our guppies. A show can be great fun and educational without big entries, but it is just not what it could and should be.

On behalf of Gateway Guppy, Thank you for supporting our show. At the present time we do not have an abundance of active members. I dread to think how poorly things might have gone without the help of so many "out-of-town" friends. I will not attempt to list each person, they are too numerous. To each of you we send a very special thank you. We could not have done it without you. The helpful, cooperative spirit of the IFGA was clearly visible throughout the weekend. We are proud to be part of such an organization.

As show chairperson of our June show, I want to personally invite each of you to join us. We will do our best to make you feel at home. Please come, we need your support.

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## I.F.G.A. POINT STANDINGS AS OF NOVEMBER 4, 1984

| <u>RED CLASS</u>      |     | <u>BLUE CLASS</u>       |     |
|-----------------------|-----|-------------------------|-----|
| 1 John O'Brien        | 420 | 1 Jim Alderson          | 303 |
| 2 Stan Shubel         | 140 | 2 Joe Smith             | 224 |
| 3 Frank Mormino       | 70  | 3 Steve Sparrow         | 70  |
| 3 Frank Orteca        | 70  | 4 Paul Gorski           | 56  |
|                       |     | 4 Eugene Golimowski     | 56  |
| <u>GREEN CLASS</u>    |     | <u>BLACK CLASS</u>      |     |
| 1 Rev. Lloyd Groenke  | 230 | 1 D & R Rush            | 434 |
| 2 Frederick Roll      | 182 | 2 Reginald Day          | 154 |
| 3 M & D Lastella      | 140 | 3 B & J Orth            | 98  |
| 3 R & B Halverson     | 70  | 4 Ed Regec              | 56  |
| <u>MULTI CLASS</u>    |     | <u>PURPLE CLASS</u>     |     |
| 1 Bev Richmond        | 294 | 1 Stan Shubel           | 294 |
| 2 Frank Mormino       | 140 | 2 Eugene Golimowski     | 154 |
| 3 J & B Longer        | 126 | 3 M & D Lastella        | 112 |
| 4 S & B Miller        | 70  | 4 Peter Tedesco         | 98  |
| <u>AOC CLASS</u>      |     | <u>H/B RED CLASS</u>    |     |
| 1 S & B Miller        | 322 | 1 Stan Shubel           | 378 |
| 2 Bev Richmond        | 252 | 2 Irwin Solomon         | 210 |
| 3 Jim Jirku           | 70  | 3 Vic Piteo             | 154 |
| 3 Ed Regec            | 70  | 4 Don Saurers           | 42  |
| <u>H/B BLUE CLASS</u> |     | <u>H/B PASTEL CLASS</u> |     |
| 1 Paul Gorski         | 252 | 1 John Maslar           | 280 |
| 2 Leonard Buttafuoco  | 125 | 2 Jim Alderson          | 210 |
| 3 M & D Lastella      | 84  | 3 David Niedzialkowski  | 140 |
| 4 Toby Ann Kotner     | 70  | 4 Jim Thale             | 70  |
| 4 J & M Mackey        | 70  |                         |     |

# STANDINGS.....

| <u>H/B YELLOW CLASS</u>      |     | <u>H/B AOC CLASS</u>             |     |
|------------------------------|-----|----------------------------------|-----|
| 1 J & B Longer               | 376 | 1 Stephen Kwartler               | 574 |
| 2 Charlie Zesch              | 230 | 2 M & D Lastella                 | 182 |
| <u>RED BICOLOR CLASS</u>     |     | <u>BL/GR BICOLOR CLASS</u>       |     |
| 1 Bev Richmond               | 378 | 1 David Niedzialkowski           | 546 |
| 2 Ted Lobello                | 154 | 2 Steve Sparrow                  | 112 |
| 2 Bob Peterson               | 154 | 3 Leonard Buttafuoco             | 56  |
| 4 Jose Duque                 | 28  | 4 Eugene Wiatzka                 | 42  |
| 4 J & V Wilson               | 28  |                                  |     |
| <u>AOC BICOLOR CLASS</u>     |     | <u>VARIGATED SNAKESKIN CLASS</u> |     |
| 1 Jim Warku                  | 234 | 1 Rich Bader                     | 350 |
| 2 S & B Miller               | 168 | 2 R & A Albright                 | 336 |
| 3 Bev Richmond               | 112 | 3 Bob McKim                      | 70  |
| 4 Paul Gorski                | 84  | 4 John Zerk                      | 56  |
| <u>SOLID SNAKESKIN CLASS</u> |     | <u>GOLD CLASS</u>                |     |
| 1 Frank Orteca               | 560 | 1 Eugene Golimowski              | 266 |
| 2 T & P Allen                | 154 | 2 -- --                          | --  |
| <u>YELLOW CLASS</u>          |     | <u>BRONZE CLASS</u>              |     |
| 1 Bill McGovern              | 406 | 1 J & V Wilson                   | 364 |
| 2 Ray Winkler                | 98  | 2 Don Saurers                    | 112 |
| 3 Bev Richmond               | 84  | 2 Eugene Golimowski              | 112 |
| <u>ALBINO CLASS</u>          |     | <u>SHORRTAIL CLASS</u>           |     |
| 1 Jose Duque                 | 308 | 1 Don Saurers                    | 532 |
| 2 Warren Burke               | 140 | 2 J & V Wilson                   | 224 |
| 3 Eugene Golimowski          | 126 | 3 Frederick Roll                 | 210 |
| 3 Frank Chang                | 126 | 4 Jim Thale                      | 23  |
| <u>BREEDER MALE CLASS</u>    |     | <u>BREEDER FEMALE CLASS</u>      |     |
| 1 Joe Smith                  | 630 | 1 D & R Rush                     | 420 |
| 2 Stan Shubel                | 350 | 2 Frank Barta                    | 168 |
| <u>RED FEMALE</u>            |     | <u>BLACK FEMALE</u>              |     |
| 1 Mark Miarka                | 126 | 1 D & R Rush                     | 154 |
| 2 S & L Coranda              | 70  | 2 Frank Barta                    | 42  |
| <u>BL/GR FEMALE</u>          |     | <u>GOLD FEMALE</u>               |     |
| 1 Frank Barta                | 126 | 1 Warren Burke                   | 196 |
| <u>H/B AOC FEMALE</u>        |     | <u>AOC FEMALE</u>                |     |
| 1 Darrell Johnson            | 70  | 1 Arthur Hintz                   | 70  |
| 2 Warren Burke               | 56  | 2 T & P Allen                    | 56  |
| 3 J & M Mackey               | 42  | 3 Jim Jirku                      | 42  |
| 4 Eugene Golimowski          | 28  | 4 Frank Barta                    | 28  |
| <u>H/B RED FEMALE</u>        |     |                                  |     |
| 1 Jim McCarty                | 70  |                                  |     |



## STANDINGS.....

| GRAND OVERALL MALE     | PTS  | GRAND OVERALL FEMALE | PTS |
|------------------------|------|----------------------|-----|
| 1 Stan Shubel          | 1365 | 1 D & R Rush         | 350 |
| 2 David Niedzialkowski | 630  | 2 Darrell Johnson    | 245 |
| 3 Bev Richmond         | 420  | 3 Frank Barta        | 210 |
| 4 J & B Longer         | 350  | 4 Warren Burke       | 175 |
| 4 James Alderson       | 350  | 5 Jim McCarty        | 70  |
| 4 Eugene Golimowski    | 350  | 5 Arthur Hintz       | 70  |
| 7 Frank Mormino        | 315  | 5 S & L Coranda      | 70  |
| 8 S & B Miller         | 280  | 5 Alan Bias          | 70  |
| 8 Frank Orteca         | 280  |                      |     |
| 8 Don Saurers          | 280  |                      |     |

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## DATA ON 1984 SHOWS

by Bill Orth

The following is a list of the number of entrants per class for the 1984 show season - (only those who placed).

| CLASS          | ENTRANTS | CLASS         | ENTRANTS |
|----------------|----------|---------------|----------|
| Red            | 13       | Blue          | 24       |
| Green          | 12       | Purple        | 9        |
| Black          | 16       | Multi         | 14       |
| AOC            | 13       | Yellow        | 6        |
| Gold           | 3        | Albino        | 7        |
| Bronze         | 5        | Red Bicolor   | 21       |
| AOC Bicolor    | 14       | Bl/Gr Bicolor | 14       |
| H/B Red        | 19       | H/B Blue      | 17       |
| H/B Pastel     | 13       | H/B AOC       | 10       |
| H/B Yellow     | 8        | Snakeskin     | 20       |
| Swordtail      | 12       | Red Female    | 3        |
| Bl/Gr Female   | 11       | AOC Female    | 11       |
| Black Female   | 6        | H/B Female    | 12       |
| Gold Female    | 11       | Breeder Male  | 7        |
| Breeder Female | 13       | Grand Female  | 29       |
| Grand Male     | 83       |               |          |

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## WHAT'S FOR SUPPER?

Subject: Other

## Beef Liver Paste

from Warren Burke  
Big Apple Guppy Group

- I find the best liver paste food is this recipe. You will need:
- 1 slab of fresh beef liver (cutting away all fat and residue)
  - 1 lb. of fish roe (rinse in cool water)
  - Earthworm flakes (100% if you can find them or use young garden worms - clean well and cut into pieces)
  - Spirulina flakes, about 1 lb. can
  - 2 envelopes of unflavored gelatin, dry
  - 6-8 tablespoons of unflavored wheat germ.

All of the above ingredients are used raw, except for the processed flake food.

## WHAT'S FOR SUPPER?.....

Place all the ingredients in a blender - adding about a quarter of a cup of cold water to form a firm paste texture. Start blender at low speed for a few seconds, then increase to normal speed - never use the high speed. After a few seconds the paste is finished. Let stand in blender for 3 minutes. Now you are ready to store into small plastic bags. Remember place only the amount your fish will consume in 15 minutes or so. Place into refrigerator freezer compartment. Keep in mind never to refreeze the liver paste. Because this paste food is very high in protein you want to prevent clouding up your tank. Never overfeed. This is the best liver paste food money can buy.

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## FOOD IDEAS

from Charlie Zesch  
Gateway Guppy Association

Items needed to prepare the following fish foods are:

- |                      |                               |
|----------------------|-------------------------------|
| 1. Blender           | 5. Strainer or Foley Mill     |
| 2. Large Tablespoon  | 6. Ice Cube Trays             |
| 3. Large Mixing Bowl | 7. Storage containers or jars |
| 4. Measuring cup     |                               |

The foods needed are:

- 1 - 6 1/2 oz. can of chopped or minced clam
- 1 - 6 oz. can of 9 Lives Liver cat food
- 1 - 6 oz. All Tuna for cats (I use a 25¢ generic brand)
- 2 - 3.33 oz. Gerber's Egg Yolk
- 1 box of Gerber's High Protein cereal for babies
- 1 box of Knox Gelatine (Unflavored)

Put any one of the first four items in the blender. Add 1 cup of water (the liver, tuna and clam cans hold 1 cup of water). Blend a minute or two. Stop blender. Add one envelope of Knox gelatine. Blend for another minute and then pour thru the strainer into the bowl. Add 1 cup of Gerber's cereal and stir well. Let the mix stand for at least 5 minutes so the Gerber's can absorb all the liquid. Spoon into cube trays and put in a freezer. I usually let it there overnight to be extra hard. Then pop out the cubes and store them in jars in the freezer. One cube feeds all of my tanks of guppies and catfish. Thaw out and add just a little water. Stir and feed. Use a teaspoon and put a little in each tank.

The strainer is used to prevent any large particles for the fish to choke on as they eagerly gobble this food. I use 2 of the Gerber's egg yolks as the jars are small. I also use ice trays with the loose individual cubes setting on a tray as they are larger and the food will pop out easier if the cubes are set in a container with a little warm water. I am sure there are many other items that could be used. Good hunting!!

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## RECIPE FOR A MERRY CHRISTMAS

Ingredients:

- |                        |                       |
|------------------------|-----------------------|
| 2 cups of Friendship   | 5 spoons of Hope      |
| 4 cups of Love         | 6 quarts of Faith     |
| 3 spoons of Tenderness | 2 cups of Forgiveness |
| 3 cups of Loyalty      | 2 barrels of Laughter |

Take Friendship and Love and mix them with Tenderness - blend thoroughly with Loyalty, add Hope and Faith. Sprinkle with Forgiveness. Serve daily with abundant Laughter.

I.F.G.A. MEETING AGENDA  
April 20, 1985

PLACE: Big Apple Guppy Group

1:00 PM Local Time

|                              |                             |
|------------------------------|-----------------------------|
| Roll Call                    | Pat Allen                   |
| Secretary's Report           | Pat Allen                   |
| Treasurer's Report           | Ted Lobello                 |
| Judging Board Report         | Tom Allen                   |
| Membership Report            | Vi Gollimowski              |
| Publicity Report             | Jim Thale                   |
| Awards Report                | Bill Orth                   |
| Publication Report           | Rich & Ann Bader            |
| Central Clearinghouse Report | Bob Curran & Eugene Wiatska |
| Nominations Report           | Elvin Cooney                |

Old Business:

.... Report on printing of Annual Certificates  
.... Old Business from the floor

New Business:

.... New Business from the floor

Adjournment

I.F.G.A. ASSISTANT JUDGES AS OF  
NOVEMBER 6, 1984

|                    |                     |
|--------------------|---------------------|
| Robert Albright    | Mike Khalid         |
| Pat Allen          | Bill Logsdon        |
| Dave Arms          | Jamey Magnifico     |
| Ann Bader          | Jim McCarty         |
| Paul Blood         | James O'Brien       |
| Lois Bushman       | Alice Regent        |
| Bonnie Campbell    | Mike Regent         |
| John Cashel        | Bill Schoenbauer    |
| Don Craft          | J. P. Schroeder     |
| Mildred Craft      | Frank Schulerbrandt |
| Allen Eddy         | Rich Serva          |
| Bill Ewry          | Tom Washburn        |
| Mike Gollimowski   | Gene Wiatska        |
| Rev. Lloyd Groenke | John Wilson         |
| Jerry Hood         | Verna Wilson        |
| Darrell Johnson    | Ray Winkler         |

ON THE OUTSIDE LOOKING IN

by A. Member  
(Club - ???)

I have had an interest in the guppy since I was ten years old. Off and on over the following twenty years, I attempted to breed the guppy but I either lost interest, didn't have the needed space or didn't have the money. A few years ago, I felt a

ON THE OUTSIDE LOOKING IN.....

sincere urge to start up the hobby for the umpteenth time. This time will be different. I had the needed space, money was no object and I will make the time. After spending hundreds of dollars on the initial cost, I was ready for the fish. I visited every pet shop within a 50 mile radius of my home. I could not find one decent pair of fish to start with. My friends, family, wife and even my cat thought that I had gone nuts. They watched me build the fish room, buy 20 fish tanks and accessories, prepare the tanks for fish, fill the tanks with water and then do nothing. (I bought a little time by saying that the water had to age for at least 6 weeks).

Finally thru a friend of a friend of a friend, I made contact with a member of the IFGA. He called me one night while I was busy in my new fish room refilling the evaporated water in the empty tanks. We talked about the guppy for over an hour. I explained my situation and he said that he would be able to help me. We set a date to meet at his house, so I could select some decent stock. When I arrived, we talked another hour before I even saw his fish room. Finally I had the opportunity to see some decent fish. I was like a kid in a candy store. I wanted one pair of each kind. I left with 2 trio's of an excellent line and a lot of information about the guppy. I only knew the very basics about the fish. I was getting ready to leave and my new friend mentioned that he was a member of a local guppy club, and he asked if I wanted to attend the next meeting. I thought - oh boy, more guppy nuts to learn from.

I really looked forward to the meeting. The first meeting the members talked about a show they were having soon. This sounds terrific, I could hardly wait to see other guppies in a show. I was asked to join the club after the second meeting. The third meeting we talked about a show in another city and the treasurer told me that I owed dues. At the fourth meeting, the secretary read the minutes of the third meeting (about the other show in the other city). After the minutes were read, we got on to new business, the show in the next city. After 5 months of being a member, I learned nothing about guppies but I knew where the next show was. I thought to myself, hey, it's the middle of the show season, bide your time, the members probably talk about guppies in the fall and winter. I could not wait until winter, I needed answers to some questions. I now had fish 3 months old and I wanted to breed them but I needed help to clarify a few details. At the next meeting, I listened to more show talk. After the meeting I talked to a member that seemed knowledgeable about breeding. I asked the following question about breeding (Blues) "When I select my breeding females, should I use females with large dorsals that have off color or should I use females with smaller dorsals that are clear." My goal is to lengthen the dorsal of the male but not lose any matching color that exists. My knowledgeable breeder friend said "Here's what you do, get in contact with JOHN DOE (who lives on the other side of the country). He has some terrific blues that have matching dorsals and the length is perfect. Use that line and you will be showing fish in 6 months." (Good answer, right). Question #2 - do you think, in the near future, we will be having any discussions about guppies? He said "Yes, the next two meetings we have members designated to give a talk." Meeting #1 - how to mail your guppies to other shows. Meeting #2 - the proper way to fill out the entry form for other shows. Inasmuch as both classes were very informative, there was still no talk about raising, breeding, feeding of the guppy, just talk about the shows.

I guess I'm on my own as far as breeding and development methods. I bought a few books by established breeders of the past and I have learned much. After the 2 classes on shipping to other shows, our meetings reverted back to talk about the new show season. (fun-fun-fun). I had what I thought were a few good males so I thought that I would take a chance and enter at least 1 in the Novice class at the show our club was having. I followed different judging teams, to learn what method they use to judge. I noticed a team headed to the Novice entries, I followed them to see how they



Would rate my fish with the others. The Novice class had 3 entries, the head judge looked at the entries and said that they all look pretty good. How about 1st, 2nd, 3rd. - the other judges said fine, let's get on to the next class. (elapsed time from start to finish - 5 seconds). Well, I was somewhat disappointed but at least they thought my fish looked pretty good.

I look forward every month to getting the IFGA publication. The stories are informative, but I must admit, the breeding methods and techniques that were published a few months back, were hard to follow. Basically, I did not understand what the breeders were trying to say. I asked others in my club if they understood, most didn't.

After three years as a member of the IFGA I have determined that; (1) there are a total of 4 strains of guppies in the United States. Every breeder has at least 1 of the strains. Then after a few cross breeds the individual breeders call it their own strain. (2) Almost everybody has the same fish. The next time you attend a show, look at any specific class (except AOC). The guy with the best fish, sells or trades with everybody else. In 15 months time, you have a class of clones. (3) Using the same fish for every show does not indicate a good breeder. It seems to be more of an endurance test for the fish. I wrote this letter after reading the Anniversary #3. The thing that caught my attention and prompted me to write, was the last few pages of the booklet that had the names and addresses of all the clubs and their respective members. I didn't take the time to count but it seems that there are a lot of members that don't show fish or if they show, they never take an award. The big question is WHY? and it seems that the same few always write articles for the publication.

Maybe it's time for some changes. I for one, would enter more shows if I knew what a qualifying guppy was. For myself to learn this, I should take the judging course and become a judge. Now, I know what a winner should look like. Or why can't the IFGA sponsor a drive to educate all its members by issuing the written judging test thru the mail and giving a visual test thru the clubs? I'm not saying that every member should be a judge, I'm saying that every member should know specifically what a judge is looking for. This would be a two fold purpose. (1) you'll know when you have acceptable fish to enter. (2) you'll know what improvements must be made or what to eliminate. As far as the publication, anybody can write an article on a specific problem or a solution or a new method of breeding.

How about the officers of the IFGA preparing a list of names of the top 5 people who had the most points over the past year and request that they write an article on the methods that they used to raise a champion, from birth to show time, giving specific details in all areas. Or the same officers prepare a list of at least 10 members who have not shown fish over the last year, requesting that they write about problems or difficulties with their fish. By publishing these 10 articles, I'm sure that someone will write with a solution or an idea. Also, the IFGA should prepare different topics and send them to different clubs for discussion and an opinion, to be published.

On The Club Level - I don't know how other clubs do it, but my club meets once a month in a meeting hall. If they met at a different members house each month, the host's fish room could be seen by other members who could learn something or could give some advice. I don't have the time or the money to travel to all the different shows, I hear that some of them are real nice and by talking to some of the big winners you can learn a lot. These are just a few of the ideas that I have, maybe I'm out of line or maybe they don't apply. I would like to know more about breeding guppies and try to help better a good organization.

The Fancy Finny Friends club are trying to raise some money so that they might possibly have a show in the future. We are selling hats - baseball style - one size fits all. They come in various colors. The front has a white triangular diamond shape where the club logo and name can be printed. They can be done in full color and it will not wash off. The total cost for printing the hat is \$6.00 per hat and a charge of \$1.25 for postage with each order sent. All money must be sent with the order. Allow 3-4 weeks for delivery. If possible, send a picture of the club logo and name as you want it printed.

To order - send the following information:

1. Name and Address where order is to be sent.
2. Quantity of hats wanted.
3. Color desired - Please send a second color choice, too.
4. Sample of the club logo and club name

Send orders to: Peter Tedesco, 198 DeSoto Ave., Maywood, New Jersey 07607



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## AQUARIUM MAINTENANCE

by Bryan Timmerman  
Corresponding Member - Iowa

So you had a nice summer - got out in old Mr. Sun and really enjoyed yourself, did you? But now you notice a little nip in the air and a little color in the trees, the arrival of fall is here...to be followed all too quickly by winter, I am afraid. Your thoughts turn more and more to your fishroom and one cold day you really take a look at them - Good God, I am going to be snowbound with these tanks? Heaven forbid! Yes, I admit it! If you are one of almost 90% of all hobbyists who think of summer time only as a time to feed and do weekly water changes, you will probably find yourself in this predicament.

I, myself, found out the hard way some years ago, what it can mean to be lax in the fishroom during summer or any other time. But don't despair there is a way out. This problem can really pile up on you if you happen to have a really large fishroom. The answer is that there is no easy way out. What you have to do is come up with a routine and stick with it. Most of us feed our fish at about the same time each day - but water changes are often times hit and miss and if water changes are hit and miss what is filter cleaning? How do you start a routine?

First thing, if you have been lax about your tanks all summer don't try to make it all up in one day this fall. It would be just too much of a shock to your fish not to even think about yourself. Now I am not about to tell you that the way I handle water changes, filter changes is the best way, it's just the way that I have done it for the last 15 years or so and it has worked well for me. I have had a lot of people with just a few tanks tell me - Boy, it must be a lot of work to change water or clean all those filters. It's not. I change 25% of each tanks water every Monday and Thursday. My stands house 3 racks on them that hold 8 ten gallon tanks for a total of 24 tanks. My fishroom is located in my basement with a good drainage system 10 feet away in the laundry room. What I do is stretch a garden hose between the drain and

# AQUARIUM MAINTENANCE.....

my stands. I put my drain hose into the garden hose and drain my tanks like that - never a pail to carry. To fill the tanks I use the same garden hose making sure the water is the same temperature. I add it straight into each tank followed by 3 Tbsp. of novaqua. We have well water so this method may not work for some of you who have city water.

Filter changes are done the first of every month unless this happens to fall on Monday or Thursday, in which case I do it on the second. Never change water and clean filters the same day. My filters are bottom filters - I put a layer of small marbles on the bottom followed by a layer of floss, a layer of small grade activated carbon and another layer of floss. The marbles let me get by using less carbon which would take a lot to keep the filters from floating - but I still get the benefits of the gas absorbing carbon. All the old floss and carbon are thrown away and replaced with new when I clean filters. The marbles and filters are cleaned with hot water and elbow grease not a bleach solution! For all my tanks this takes about 2 1/2 hours. I know some of you would just rinse the floss and use it over, but I never do. That is why I never change water and clean filters the same day. I never have any trouble with my tanks clouding doing it my way after a filter cleaning.

When it comes to the inside glass I keep any algae off that would restrict viewing and don't worry about the rest. For removal of algae I use a paper towel and my hand. I do this the first and middle of every month. You hear a lot of talk about people tearing there tanks all the way down to clean them. I did this my very first year in the hobby, but never since if you follow a routine such as this one. If you ever do tear down a tank and have not already done so - paint the outside bottom of your tanks a flat black. I started to do this when I raised Discus because if they get spooked from the lights reflecting off a clear bottom tank they may try to swim right through and hurt themselves. I neglected to do this when I set up my new tanks for guppies and my fish washed out. Now I have all my tanks with black bottoms and my fish have their color back. This of course is only applicable if you have bare bottom tanks. If you start out and follow this routine you should not have that dreaded "Snow Bound" feeling next year.

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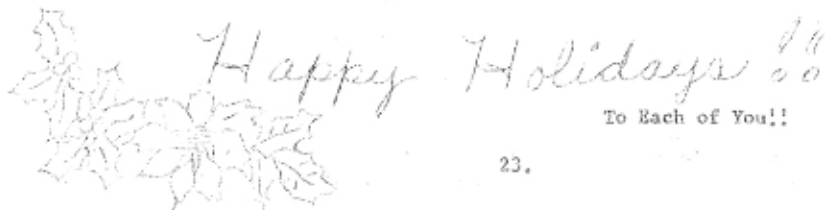
## BADER'S BLOTTER

by Ann Bader

Many, many thanks to Gateway for a beautiful annual weekend!! It was a great beginning/ending (whichever way you look at it) of another show season.

As of this writing we have received no response on either contest that we offered in our Anniversary Issue. We have extended these contests until Jan. 15, 1985. We also received no response to our Question of the Month - which leads me to reflect back to the article in this bulletin "On the Outside Looking IN". I really feel like I'm in a no-win situation.

From All of Us at M.V.G.A. -----



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